

Jason Frankovitz

Director of Software Class Actions
Senior Testifying Expert

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Quandary Peak Research

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Professional Accomplishments

- Expert in software programming and Internet technologies with over **30 years of experience**
- Software inventor of **US patent 9,858,341** – "Method and apparatus for remotely monitoring a social website"
- **Testified 30+ times** as an expert in the US and Canada
- Reviewed code, authored affidavits, declarations and expert reports for **over 100 cases**
- Consulting on **multiple class actions** for social media & e-commerce technologies
- Built **the web's first social bookmarking site** in 1996, cited as prior art for multiple patent matters
- Selected as **Entrepreneur-in-Residence** at Main Street Partners on MIT campus
- Extensive **software intellectual property** experience focusing on **software patents & trade secrets, web and social media** technologies, software development **best-practices**, and digital **copyright/code theft**

Employment

Computer Scientist

Quandary Peak Research | Los Angeles, CA | Apr 2014–Present

- Providing software analysis, investigation and advising for software disputes.
- Performing forensic investigations of computer systems, including examination of digital data.
- Installing, configuring and using source code analysis tools for litigation support.
- Creating claim charts for patent infringement and invalidity analysis.

Intellectual Property and Technology Advisor

TechKnow Consulting | Los Angeles, CA | June 2013–Apr 2014

- Provided consulting for a range of software-related matters including patent licensing, infringement, brokerage, and general software IP advising.
- Researched products and companies for similarities to patents being sold to maximize buyer interest.
- Interviewed inventors to help brokers understand a patent's potential sale value.

Software IP Consultant

Intellectual Ventures | Bellevue, WA | Mar 2011–May 2013

- Provided technical analysis for patent licensing negotiations related to cloud computing, social networking, ecommerce, mobile, video games, operating systems, electronic gambling, travel, and imaging.

- Examined and investigated a variety of software technologies for potential patent infringement.
- Reverse-engineered numerous software systems to document system operations and services.
- Evaluated patent claims for likelihood of infringement and licensing potential.
- Scored patent portfolios for prioritizing licensing efforts.

Founder & CTO

Seethroo.us | Bellevue, WA | Feb 2006–Feb 2011

- Launched online advertising and marketing startup specializing in social media.
- Created scalable cloud-based Ruby on Rails application for ad networks and publishers to manage advertising campaigns.
- Designed proprietary jQuery-based publisher integration system.
- Managed software engineering and used agile practices to drive test-driven development.
- Developed internal tool “brainiac” for creating and managing machine learning models for a natural language processing (NLP) system that analyzed user-generated content for targeted ads.

Software Engineer

AT&T Interactive | Glendale, CA | Aug 2008–Dec 2009

- As a member of the R&D department, worked on various experimental/exploratory projects for AT&T Interactive’s Social Services team.
- Used Ruby and jQuery to co-develop an internal QA tool measuring relevancy of search results for yp.com.
- Wrote a large-scale web ad scraping system using Ruby and nokogiri (an XML parsing library).
- Contributed to the development and use of a REST-oriented framework written in Ruby.
- Wrote backend code powering an iOS/mobile application for reserving products from brick-&-mortar retailers.

Software Engineer

DialedIn.com | Los Angeles, CA | May 2007–June 2008

- Developed Ruby on Rails applications for a mobile event management product.
- Implemented group messaging features for email, Web, and SMS.
- Built multiple-stage development environment enabling uninterrupted service for end users.
- Wrote unit and functional tests and installed continuous integration services to find bugs faster.

Segment Producer

TechTV, G4, and g-NET | San Francisco, CA and Los Angeles, CA | Apr 2002–Feb 2006

- Produced technology television segments for cable and online distribution covering consumer electronics product reviews, interviews with notable software leaders, and industry commentary and analysis.
- Pitched concepts, wrote scripts, booked talent, and shot and edited packages between 2 minutes and 9 minutes total running time.
- Coordinated with software companies to acquire demo products to meet production schedule.
- Maintained, administered, and upgraded lab hardware and content library.

Founder & CTO

itList.com | Cambridge, MA | Apr 1996–Apr 2002

- Created the first online bookmark site in the world.

- Developed a complete suite of online tools to enable bookmark submission, sharing, storage, organization, searching, and user account management.
- Programmed a custom perl API to Mysql databases on Linux.
- Installed, configured, and customized Apache HTTPD with mod_perl.
- Developed an infrastructure to rapidly deploy (<1 hour) partner sites for itList service.
- Handled technical support needs for 30,000 users.

Systems Administrator

Liszt.com | Sebastopol, CA | Feb 1997–Apr 1999

- Provided Linux systems administration to a major online search engine.
- Debugged Apache, perl, and mod_perl issues and monitored traffic and local CPU load.
- Implemented performance and security enhancements involving HTTPD, sendmail, POP3, telnet, SSH, and FTP.
- Performed automated backups nightly and scheduled downtimes for upgrades.

Certified ClearCase/Software Configuration Management Specialist

Pencom Systems | Boston, MA | Sept 1996–Dec 1998

- Provided software configuration management (SCM) expertise in heterogeneous development environments (SunOS/Solaris, SCO, HP-UX, Windows NT.)
- Performed administration and configuration of ClearCase, CVS, RCS, and Visual SourceSafe systems.
- Gathered requirements, designed, deployed, and administered distributed development environments
- Implemented automated build systems for C, Java, and perl.
- Instituted code branching and version labeling policies.
- Audited software engineering to identify technical and procedural problems in development efforts.
- Wrote and taught ClearCase courses to development teams in the USA and United Kingdom.
- Coded programs for system monitoring and automatic backups.
- Designed and installed new server room layout, specified and purchased hardware and component storage.

Network Administrator

Interart/Sunrise Publication | Bloomington, IN | May 1995–Aug 1996

- Managed Mac network for design department of the third largest greeting card company in North America.
- Implemented RevRdist file synchronization software for automatic administration of Macs.
- Programmed custom image processing system using AppleScript, Solaris and Helios Universal File Server.

Support Engineer

University Computing Services | Bloomington, IN | Nov 1992–May 1995

- Provided technical support via email and telephone for students, faculty, and staff.
- Wrote technical articles for the UCS Knowledge Base – one of the first Web-based helpdesk systems.
- Performed data recoveries and backups for corrupted thesis files.
- Conducted technical training for various campus systems.
- Diagnosed, repaired and upgraded on-site hardware.

Education

B.A. in Telecommunications, Minor in Biology

Indiana University | Dec 1993

Coursework included:

- W350 Advanced Expository Writing
- X395 Minds, Brains, and Computers
- S404 Honors Semester in Telecom
- R322 Telephony History & Technology

Tech Due Diligence Consulting

- **C3.ai** | Sept 2022–Present
Technical analysis of machine learning system
- **Class pre-certification** | Jan–July 2021
Technical analysis of mobile apps for video viewing information
- **Class pre-certification** | Jan–July 2021
Technical analysis of mobile apps for incognito mode
- **Class pre-certification** | Mar 2021
Technical analysis of mobile apps for pasteboard sharing
- **Expeditors International, Inc** | Sept–Oct 2018
Source code review of startup for possible acquisition
- **Greenheart International** | Jan 2017–Feb 2017
Code quality audit of outsourced software project
- **eClinicalWorks/US Department of Health & Human Services** | Nov 2016–Nov 2017
Safety-related audit of source code for EMR system

Class Action & Government Litigation Consulting

- **Amy Thompson, et al. v. St. Luke's Health Network, Inc.** | Oct 2024–Present
Jurisdiction: PA Court of Common Pleas for Lehigh County
Case Number: 2024-C-0240
Counsel: Consovoy McCarthy PLLC
Nature of Suit: Class Action, Privacy
- **Google Inc. Cookie Placement Consumer Privacy Litigation** | Oct 2024–Present
Jurisdiction: US District Court, District of Delaware
Case Number: 1:12-md-02358
Counsel: Strange LLP
- **Ashley Popa v. Harriet Carter Gifts Inc et al.** | May 2023–Present
Jurisdiction: US District Court of Western District of PA
Case Number: 2:19-cv-00450
Counsel: Lynch Carpenter

- **Compass Class Action** | May 2023–Present
Jurisdiction: US District Court, Eastern Missouri
Case Number: 4:18-cv-01962-SEP
Counsel: Arias Sanguinetti Wang & Torrijos, LLP
- **Jazmine Harris v. Public Broadcasting Service, Jabari Seller v. Bleacher Report, Inc (Warner Media), Zachary Rohlfs v. WGNTV (Nexstar Media Inc), Jennifer Waller v. Tampa Bay Times (Times Publishing Company), Greg Roland v. The Chive (Chive Media Group, LLC), Melanie Barber v. Eisenhower Medical Center, Inc, Emma Mendoza v. Newsweek Digital, LLC, Emma Mendoza v. WP Company LLC dba The Washington Post** | Apr 2023–Present
Jurisdictions: U.S. District of Columbia Superior Court
Case Numbers: 1:22-cv-02456-AT , 3:2023cv00368 , 1:23-cv-01050 , 8:23-cv-00119 , 1:2023cv00337, 1:2023cv00643, 5:23-cv-00250, 2023CAB001101
Counsel: Edelsberg Law, P.A
- **WESCA / VonBergen v. Liberty Mutual Insurance Company** | Oct 2023–Present
Jurisdiction: Eastern District of Pennsylvania
Case Number: 2:22-cv-04880
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action
- **WESCA / Vonbergen v. Bloomingdales.com, LLC** | Oct 2023–Jan 2024
Jurisdiction: Eastern District of Pennsylvania
Case Number: 2:22-cv-04724
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action
- **WESCA / Munday v. Avis Budget Group, Inc** | Oct 2023–Jan 2024
Jurisdiction: Eastern District of Pennsylvania
Case Number: 2:22-cv-04807
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action
- **WESCA / Farst v. Michaels Stores, Inc** | Oct 2023–Jan 2024
Jurisdiction: Middle District of Pennsylvania - Harrisburg
Case Number: 1:22-cv-01433
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action
- **WESCA / Farst v. Autozone, Inc** | Oct 2023–Nov 2023
Jurisdiction: Middle District of Pennsylvania - Harrisburg
Case Number: 1:22-cv-01435
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action
- **WESCA / Huber v. Expedia, Inc** | Oct 2023–Present
Jurisdiction: Eastern District of Pennsylvania
Case Number: 2:22-cv-03570
Counsel: Marcus & Zelman LLC
Nature of Suit: Class Action

- **WESCA / Jamie Huber et al. v. Zillow Group, Inc** | Jan 2023–Mar 2024
Jurisdiction: US District Court for the Western District of Washington
Case Number: 2:2022cv01699
Counsel: Marcus & Zelman
Nature of Suit: Class Action Privacy
- **Donegani v. Facebook, Inc** | Dec 2022–Present
Jurisdiction: Ontario, Canada Superior Court of Justice
Case Number: CV-18-599580-CP
Counsel: Koskie Minsky
Nature of Suit: Class Action
- **Laszlo Pusztai, et al. v. Apple Inc** | Nov 2022–Present
Jurisdiction: USDC Northern California
Case Number: 3:21-cv-7995-JD
Counsel: Davis Wright Tremaine
Nature of Suit: Copyright
- **RedVector.com, LLC v. Locality Media, Inc, et al.** | Oct 2022–Present
Jurisdiction: Hillsborough County 13th Judicial Circuit Courts
Case Number: 21-CA-001419
Counsel: Trenam Law
Nature of Suit: Trade Secret
- **Wissam Al Mana v. Facebook Ireland Limited, et al.** | Oct 2022–Dec 2023
Jurisdiction: The High Court of Ireland
Case/Record Number: 2020/1218 P
Counsel: RDJ, LLP
Nature of Suit: Privacy, Defamation
- **CG3 Media, LLC and Corey Griffin v. Belleau Technologies, LLC** | Sept 2022–Mar 2023
Jurisdiction: New York Southern District Court
Case Number: 1:21-cv-04607
Counsel: Radulescu, LLP
Nature of Suit: Patent
- **Stark et al. v. Patreon, Inc** | July 2022–Aug 2022
Jurisdiction: Federal
Counsel: Girard Sharp LLP
Nature of Suit: Video privacy
- **Svoboda v. Amazon.com Inc** | May 2022–Present
Jurisdiction: State
Counsel: Keogh Law LTD
Nature of Suit: Biometric privacy
- **The State of Texas v. Meta Platforms, Inc, F/K/A Facebook, Inc** | Mar 2022–July 2024
Jurisdiction: State of Texas
Counsel: Keller Lenkner
Nature of Suit: Biometric
- **Alexander, et al. v. Hall, et al.** | Feb 2022–Present
Jurisdiction: Federal
Counsel: Oliver Law Group
Nature of Suit: Civil rights

- **Hoffard v. Cochise County** | Feb 2022–Present
Counsel: Arizona Center for Disability Law
Nature of Suit: Voting rights
Jurisdiction: State of Arizona
- **Cleaver v. Cadillac Fairview Corp.** | Nov 2021–Present
Counsel: Charney Lawyers
Nature of Suit: Biometric privacy
Jurisdiction: Canada
- **ACCC & Anor v. Meta Inc & Anor** | Oct 2021–Nov 2022
Counsel: Johnson Winter Slattery
Nature of Suit: Regulatory
Jurisdiction: Australia
- **Vargas et al. v. Facebook, Inc** | Dec 2019–Present
Jurisdiction: Federal
Counsel: Mantese Honigman, PC
Nature of Suit: Class action
- **Olin et al. v. Facebook, Inc** | May 2019–Sept 2022
Jurisdiction: Federal
Counsel: Bursor & Fisher PA
Nature of Suit: Data privacy
- **O'Hara v. Facebook, Inc, Cambridge Analytica, LLC, Kogan, Bannon** | May 2018–Present
Jurisdiction: Federal
Counsel: Coast Law Group LLP
Nature of Suit: Data privacy

Private Litigation Consulting (Ongoing)

- **Jacques Webster p/k/a Travis Scott and XX Global, Inc. v. Show Motion Engineering, Inc.** | Nov 2024–Present
Jurisdiction: US District Court, Central District of California
Case Number: 2:24-cv-10421
Counsel: McPherson LLP
Nature of Suit: Copyright
- **LIVN Worldwide, Ltd. v. Olympusat Holdings, Inc** | Oct 2024–Present
Jurisdiction: US District Court, Southern District of Florida
Case Number: 9:23-cv-81515
Counsel: Wilson Elser Moskowitz Edelman & Dicker LLP
Nature of Suit: Copyright
- **OneTaste Inc v. Ayries Blanck** | Sept 2024–Present
Jurisdiction: Superior Court, Los Angeles County
Case Number: 22STCV33093
Counsel: McPherson LLP
Nature of Suit: Breach-of-Contract

- **GG Insurance Services, Inc v. Myles Johnson, Insurance Group, LLC** | Aug 2024–Present
Jurisdiction: US District Court, District Of Arizona
Case Number: 2:23-cv-01964
Counsel: Koley Jesson
Nature of Suit: Copyright, Trade Secret
- **Marcos & Jorge Luis Rodriguez v. T-Mobile USA, Inc** | June 2024–Present
Jurisdiction: US District Court, Southern District of California
Case Number: 3:22-cv-00581
Counsel: Sharif Faust Lawyers, Ltd.
Nature of Suit: Cybersecurity, Standard of Care Breach
- **UMG Recordings, Inc v. Frontier Communications Corp.**
Voltage Holdings, LLC v. Frontier Communications Corp. | May 2024–Present
Jurisdiction: US District Court, Southern District of New York
Case Number: 1:21-cv-5253, 1:21-cv-05708, 1:21-cv-05050|20-22476
Counsel: Day Pitney LLP
Nature of Suit: Copyright
- **Kyle Green v. Jacques Webster, Jr. a/k/a Travis Scott** | May 2024–Present
Jurisdiction: Supreme Court of the State of NY, County of New York
Case Number: 159628/2017
Counsel: McPherson LLP
Nature of Suit: Social Media Analysis, Personal Injury
- **AlmondNet Inc v. Amazon.com Inc** | July 2023–June 2024
Jurisdiction: Western District of Texas
Case Number: 6:21-cv-00898-ADA
Counsel: Russ August & Kabat
Nature of Suit: Patent
- **LifeScience Technologies, LLC v. Mercy Health et al.** | March 2023–Present
Jurisdiction: US District Court, Eastern District of Missouri, Eastern Division
Case Number: 4-21-cv-1279 SEP
Counsel: Stinson LLP
Nature of Suit: Trade Secret, Breach of Contract
- **Steep Axis, LLC et al v. Gangsta Breakout, LLC et al** | Sept 2022–Present
Jurisdiction: Federal
Counsel: Carmel Milazzo & Feil LLP
Nature of Suit: Breach of contract
- **TCPA Litigator List v. Ringba** | Sept 2022–Present
Jurisdiction: Federal
Counsel: GLegal, LLC
Nature of Suit: Intellectual Property–Trade Secret
- **McCandless Group LLC. v. Coy Collective** | Aug 2022–Present
Jurisdiction: Federal
Counsel: Girard Fox Law
Nature of Suit: Intellectual Property–Trade Secret

- **Cryptocurrency Pre-Litigation Investigation** | Apr 2022–Present
Jurisdiction: Federal
Counsel: Todd & Weld LLP
Nature of Suit: Cryptocurrency/Fraud
- **Frontier v. Charter** | Mar 2022–June 2022
Jurisdiction: State
Counsel: Mayer Brown LLP
Nature of Suit: Pre-litigation
- **D&D Greek Restaurant, Inc v. Great Greek Franchising, LLC** | Jan 2022–Present
Jurisdiction: Federal
Counsel: Lewitt Hackman Shapiro Marshall Harlan
Nature of Suit: Trademark infringement
- **Sean Wilson v. PTT, LLC d/b/a High 5 Games, LLC** | Nov 2021–Present
Jurisdiction: State
Counsel: Holland & Hart LLP
Nature of Suit: Gaming/geolocation
- **Wave Plastic Surgery v. Venus Plastic Surgery** | Dec 2021–Present
Jurisdiction: State
Counsel: Commerce Law Group
Nature of Suit: Social media
- **Wild Bill's Franchising, LLC V. Wild Wild West Tobacco Wholesale** | Oct 2021–Present
Jurisdiction: Federal
Counsel: Gordon E. R. Troy, PC
Nature of Suit: Intellectual Property - Trademark
- **Wykeya Williams, et al. v. First Student, Inc** | Sept 2021–Oct 2024
Jurisdiction: Federal
Counsel: Landman Corsi Ballaine & Ford P. C.
Nature of Suit: Social media
- **Liquid Video Technologies, Inc v. Dynamic KanBan, Inc & Josette Russell** | June 2021–Present
Jurisdiction: State
Counsel: Cranfill Sumner LLP
Nature of Suit: Breach-of-contract
- **ReactX LLC v. Google LLC** | Dec 2020–Present
Jurisdiction: State
Counsel: Cohen Milstein Sellers & Toll PLLC
Nature of Suit: Intellectual Property–Trade secret
- **Confidential v. Confidential** | Nov 2020–Present
Jurisdiction: Australia
Counsel: Confidential
Nature of Suit: Criminal Fraud
- **FinancialApps, LLC v. Envestnet, Inc and Yodlee, Inc** | Aug 2020–Present
Jurisdiction: State
Counsel: Kasowitz Benson Torres
Nature of Suit: Intellectual Property–Trade secret

- **Nokia v. Motorola** | Aug 2020–Present
Jurisdiction: Federal
Counsel: Sheppard Mullin
Nature of Suit: Intellectual Property–Patent
- **Los Angeles County Sheriff's Department v. Orrego** | Aug 2020–Present
Jurisdiction: County
Counsel: Stone Busailah, LLP
Nature of Suit: Internal Affairs
- **Tenstreet, LLC v. Driverreach, LLC** | July 2019–Present
Jurisdiction: Federal
Counsel: Faegre Baker Daniels LL
Nature of Suit: Intellectual Property–Trade Secret
- **Calendar Research LLC v. Stubhub, Inc and eBay Inc** | Jan 2019–Present
Jurisdiction: Federal
Counsel: Quinn Emanuel Urquhart & Sullivan LLP
Nature of Suit: Intellectual Property–Copyright
- **Sound View Innovations, LLC v. Hulu, LLC** | Nov 2017–Present
Jurisdiction: Federal
Counsel: Desmarais LLP
Nature of Suit: Intellectual Property - Patent
- **Beard v. Gerdau S.A.** | May 2017–Oct 2022
Jurisdiction: Federal
Counsel: Reaud Morgan and Quinn LLP
Nature of Suit: Breach of Contract
- **Softech USA d/b/a Gemfind v. Chasin** | Feb 2017–Present
Jurisdiction: Federal
Counsel: Robinson & Robinson
Nature of Suit: Intellectual Property–Trade Secret
- **Hull et al v. Marriott International, Inc** | Mar 2015–Present
Jurisdiction: Federal
Counsel: Conn Maciel & Carey PLLC
Nature of Suit: Software Accessibility/ADA
- **Copart, Inc v. Lightmaker USA, Inc** | Mar 2015–Present
Jurisdiction: Federal
Counsel: Porter Scott LLP
Nature of Suit: Breach of Contract
- **Smarty Had a Party LLC v. Barrett Brothers, Inc** | Jan 2015–Present
Jurisdiction: Federal
Counsel: Capes, Sokol, Goodman & Sarachan, P.C.
Nature of Suit: Trade Name Infringement
- **Hablian, et al. v. Zurich U.S., et al.** | Jan 2015–Present
Jurisdiction: State
Counsel: Marlin & Saltzman LLP
Nature of Suit: Source Code Verification

- **Mass Appeal Media, Inc v. Davina Douthard, Inc** | Oct 2014

Jurisdiction: Federal

Counsel: Krakowsky Michel

Nature of Suit: Intellectual Property, Trademark

Private Litigation (Concluded)

- **Illinois GPA Class Action Pre-Litigation** | May 2023–Dec 2023

Counsel: Custodio & Dubey LLP

Nature of Suit: Pre-Litigation, Class Action

- **Meta Platforms, Inc v. Almondnet, Inc and Intent IQ, LLC** | Jan 2023–Jan 2024

Jurisdiction: USPTO Patent Trial and Appeal Board

Case Number: IPR2022-00773

Counsel: Russ, August & Kabat

Nature of Suit: Patent, IPR

- **Crumbl, Inc v. Dirty Dough, LLC** | Sept 2022–Dec 2023

Jurisdiction: Federal

Counsel: Berg Law, LLC

Nature of Suit: Intellectual Property–Trade Secret

- **Famous Birthdays, LLC v. Socialedge, Inc** | Sept 2022–Dec 2022

Jurisdiction: Federal

Counsel: Wilson Elser Moskowitz Edelman & Dicker LLP

Nature of Suit: Intellectual Property - Copyright

- **Michael & Teresa Loew v. Johnson Insurance Group & Acuity** | Sept 2022

Jurisdiction: Federal

Counsel: Montero Law

Nature of Suit: Breach-of-contract

- **Dual Diagnosis Treatment Center, Inc, et al. v. Health Net, Inc, et al.** | Apr 2022–May 2022

Jurisdiction: State

Counsel: Kantor & Kantor LLP

Nature of Suit: Social Media Defamation

- **Kaiser v. Gilliam** | Nov 2021–May 2022

Jurisdiction: State

Counsel: Arnold & Porter LLP

Nature of Suit: Graphic design

- **Muzeit Limited v. Bytedance, Ltd.** | Aug 2021–May 2022

Jurisdiction: Federal

Counsel: Knobbe Martens

Nature of Suit: Intellectual Property–Trademark

- **Los Angeles County Sheriff's Department v. Rodriguez** | June 2019–Dec 2021

Jurisdiction: State of California

Counsel: Stone Busailah, LLP

Nature of Suit: Internal Affairs

- **Hertz Corporation v. Accenture LLP** | July 2019–Dec 2021
 Jurisdiction: Federal
 Counsel: Wiggin Dana LLP
 Nature of Suit: Breach of Contract
- **Kilterly v. SolutionStream, LLC** | Nov 2020–Dec 2021
 Jurisdiction: State
 Counsel: Hopkins & Huebner, PC
 Nature of Suit: Breach-of-contract
- **Kemps v. Stephenson** | Oct 2021
 Jurisdiction: State
 Counsel: The Family Law Office of Sonoma County
 Nature of Suit: Social media
- **Jesus Gonzalez and Vigen Megerdichian v. 4Over, LLC** | Aug 2021–Oct 2021
 Jurisdiction: Federal
 Counsel: Law Offices of Diane B. Sherman
 Nature of Suit: Employment law
- **AdQuadrant v. Nanigans** | May 2021–Aug 2021
 Jurisdiction: State
 Counsel: Jacobsen & McElroy PC
 Nature of Suit: Breach-of-contract
- **Porchlight LLC v. Ventive LLC** | Dec 2020–Feb 2021
 Jurisdiction: State
 Counsel: Mooney Wieland
 Nature of Suit: Breach-of-contract
- **Express Lien, Inc v. Handle, Inc** | Sept 2020–June 2021
 Jurisdiction: State
 Counsel: Bowie Jensen LLP
 Nature of Suit: Intellectual Property–Copyright
- **Oliver Bassil v. Jacques Webster** | Aug 2020–May 2021
 Jurisdiction: State
 Counsel: McPherson LLP
 Nature of Suit: Intellectual Property–Copyright
- **Social Equity Owners & Workers Association, Inc v. City of LA** | June 2020–Aug 2020
 Jurisdiction: State
 Counsel: Ivie, McNeill Wyatt Purcell & Diggs
 Nature of Suit: Regulatory failure
- **Impact Engine, Inc v. Google LLC** | Jan 2020–Aug 2020
 Jurisdiction: Federal
 Counsel: Kirkland & Ellis
 Nature of Suit: Intellectual Property–Patent
- **Robillard v. Opal Labs, Inc** | Jan 2020–Mar 2021
 Jurisdiction: Federal
 Counsel: Angeli Law Group
 Nature of Suit: Intellectual Property–Trade Secret

- **BrandRep Holdings v. Employer Advertising LLC & Business Solutions LLC** | May 2019–Apr 2020
 Jurisdiction: Federal
 Counsel: Benesch, Friedlander, Coplan & Aronoff LLP
 Nature of Suit: Intellectual Property–Trade Secret
- **Shaghal, Ltd. v. Children’s Network LLC d/b/a Sprout** | May 2019–Dec 2019
 Jurisdiction: State
 Counsel: Fox Rothschild LLP
 Nature of Suit: Breach of Contract
- **OnSors LLC v. Sabrina Schueppl dba NuMe, ABV Group, Inc** | May 2019–Sept 2019
 Jurisdiction: State
 Counsel: Ulich Balmuth Fisher LLP
 Nature of Suit: Breach of Contract
- **Coulter Ventures, LLC, d/b/a Rogue Fitness v. Titan Fitness** | Apr 2019–Feb 2020
 Jurisdiction: Federal
 Counsel: Banner & Witcoff, Ltd.
 Nature of Suit: Intellectual Property–Trademark
- **Christopher Hayden d/b/a Cgraydesign v. Eagles Nest Outfitters, Inc** | Mar 2019–Apr 2019
 Jurisdiction: Federal
 Counsel: Ward and Smith P. A.
 Nature of Suit: Intellectual Property–Trade Secret
- **M. A. Mobile Ltd. v. Indian Institute of Technology Kharagpur et al** | Feb 2019–June 2019
 Jurisdiction: Federal
 Counsel: Sanjiv N. Singh
 Nature of Suit: Intellectual Property–Trade Secret
- **Really Big Coloring Books, Inc v. Delta Dental Insurance Company** | Jan 2019–May 2019
 Jurisdiction: Federal
 Counsel: Troutman Sanders LLP
 Nature of Suit: Intellectual Property–Copyright
- **irth Solutions LLC v. Apex Data Solutions d/b/a DigTix** | Dec 2018–Jan 2019
 Jurisdiction: Federal
 Counsel: Boylan Code
 Nature of Suit: Intellectual Property–Trade Secret
- **Cohen v. Ramirez** | Dec 2018–Oct 2019
 Jurisdiction: State
 Counsel: Colman Law Group
 Nature of Suit: Personal Injury
- **Ensource Investments LLC v. Tatham et al** | Nov 2018–Feb 2020
 Jurisdiction: Federal
 Counsel: Panakos Law
 Nature of Suit: Fraud
- **Flying Nurses International LLC v. FlyingNurse.com** | Sept 2018–Dec 2018
 Jurisdiction: Federal
 Counsel: Dale Jensen, PLC
 Nature of Suit: Fraud

- **Cornerstone OnDemand, Inc v. Modular Mining Systems, Inc** | Jan 2018–Mar 2018
Jurisdiction: Federal
Counsel: Gordon Rees Scully Mansukhani, LLP
Nature of Suit: Breach of Contract
- **Liberi v. Taitz** | Dec 2017–Oct 2018
Jurisdiction: Federal
Counsel: Schumann Rosenberg
Nature of Suit: Fraud/Defamation/Embezzlement
- **Peri Domante v. Dish Network, L.L.C.** | Sept 2017–Nov 2017
Jurisdiction: Federal
Counsel: Law Office of Michael A. Ziegler, P.L.
Nature of Suit: Breach of Contract
- **Applied Business Software Inc v. Citadel Servicing Corporation** | Sept 2017–Mar 2019
Jurisdiction: Federal
Counsel: Law Office of David Richman
Nature of Suit: Intellectual Property–Copyright
- **Integrated Dynamic Solutions, Inc N. Gashtili v. VitaVet Labs, Inc** | July 2017–Oct 2017
Jurisdiction: State
Counsel: Westlake Legal Services
Nature of Suit: Breach of Contract
- **Liang v. AWG Remarketing, Inc, Group 3 Auctions, LLC** | June 2017–Sept 2017
Jurisdiction: Federal
Counsel: WHGC, P.L.C.
Nature of Suit: Intellectual Property–Copyright
- **Lexxiom Inc v. Converze Interactive Inc, Lido Labs Llc, et al** | May 2017–Mar 2018
Jurisdiction: Federal
Counsel: Foundation Law Group
Nature of Suit: Intellectual Property–Copyright
- **Turkey v. Ali Cihan** | May 2017–Nov 2017
Jurisdiction: Republic of Turkey
Counsel: Akkoç Law Group
Nature of Suit: Criminal
- **Aquilina v. Wriggelsworth et al.** | Apr 2017–Nov 2017
Jurisdiction: Federal
Counsel: Bostic & Associates
Nature of Suit: Civil Rights
- **Rogue Wave Software Inc v. BTI Systems Inc & Juniper Networks Inc** | Feb 2017–Jan 2018
Jurisdiction: Federal
Counsel: Snell & Wilmer LLP
Nature of Suit: Intellectual Property - Copyright
- **Grindr v. Kunlun** | Feb 2017–June 2017
Jurisdiction: Federal
Counsel: Hueston Hennigan LLP
Nature of Suit: Intellectual Property - Copyright

- **Krubim 26 Intl Inc / Woofers Etc v. Golden Communications, Inc** | Jan 2017–Oct 2018
 Jurisdiction: State (ID BC555618)
 Counsel: Law Offices of P. Paul Aghaballa
 Nature of Suit: Breach of Contract

- **Patel v. Facebook, Inc (State of Illinois/biometric privacy)** | Nov 2016–Jan 2020
 Jurisdiction: State
 Counsel: Robbins Geller Rudman & Dowd, Labaton Sucharow, Edelson
 Nature of Suit: Class action

- **Fox Television Stations, Inc v. FilmOn X, LLC** | Nov 2016–Mar 2017
 Jurisdiction: Federal
 Counsel: Baker Marquart LLP
 Nature of Suit: Intellectual Property - Copyright

- **Securus Technologies, Inc v. Public Communication Services Inc** | Oct 2016–Feb 2018
 Jurisdiction: Federal
 Counsel: Grubel Elrod Johansen Hail Shank
 Nature of Suit: Breach of Contract

- **Expo Ed Inc v. Anaca Technologies Ltd.** | Oct 2016–Sept 2017
 Jurisdiction: Ontario Superior Court Of Justice, Canada
 Counsel: Norton Rose Fulbright Canada LLP
 Nature of Suit: Breach of Contract

- **Chrome Systems, Inc v. Autodata Solutions, Inc** | June 2016–Dec 2016
 Jurisdiction: Federal
 Counsel: Wachtell, Lipton, Rosen & Katz
 Nature of Suit: Breach of Contract

- **Zaghi dba Angel Dental Care v. Salama** | May 2016–Sept 2017
 Jurisdiction: State
 Counsel: Jalilvand Law APC
 Nature of Suit: Online Defamation

- **Level One Technologies, Inc v. Penske Truck Leasing Co.** | Apr 2016–Aug 2017
 Jurisdiction: Federal
 Counsel: Riezman Berger, P.C.
 Nature of Suit: Intellectual Property–Trade Secrets

- **Core Wireless Licensing S.A.R.L. v. LG Electronics, Inc** | Jan 2015–Sept 2016
 Jurisdiction: Federal
 Counsel: Bunsow de Mory Smith & Allison LLP
 Nature of Suit: Intellectual Property - Patent

- **Deal Segments, Inc v. Dream Warrior Group, Inc** | Jan 2016–July 2016
 Jurisdiction: State
 Counsel: Law Office of Parag L. Amin
 Nature of Suit: Breach of Contract

- **Alertus Technologies, LLC v. Blake Robertson** | Jan 2016–Oct 2016
 Jurisdiction: State
 Counsel: Joseph, Greenwald & Laake, P.A.
 Nature of Suit: Intellectual Property–Trade Secrets

- **Alertus Technologies, LLC v. Callinize, Inc** | Jan 2016–Oct 2016
 Jurisdiction: Federal
 Counsel: Bowie & Jensen, LLC
 Nature of Suit: Intellectual Property–Trade Secrets
- **BeUbiq, Inc v. Curtis Consulting Group, Inc** | Dec 2015–May 2016
 Jurisdiction: State
 Counsel: Farbstein & Blackman
 Nature of Suit: Breach of Contract
- **Vincent Wellrich v. Dream Warrior Group, Inc** | Dec 2015–Feb 2016
 Jurisdiction: State
 Counsel: Wolke & Levine LLP
 Nature of Suit: Breach of Contract
- **ABS, Inc v. FCI, Inc** | Nov 2015–Feb 2016
 Jurisdiction: Federal
 Counsel: Law Office of David Richman
 Nature of Suit: Intellectual Property–Trade Secrets
- **Trichel v. Union Pacific Railroad** | Nov 2015–May 2016
 Jurisdiction: State
 Counsel: VB Attorneys
 Nature of Suit: Digital Forensic Investigation
- **Nicole, Inc v. BLK International and Sanjay Khullar** | Sept 2015–Mar 2016
 Jurisdiction: Federal
 Counsel: Greenberg & Bass LLP
 Nature of Suit: Intellectual Property–Copyright
- **Chipp'd Ltd. v. Crush & Lovely LLC** | July 2015–Sept 2015
 Jurisdiction: State
 Counsel: White and Williams LLP
 Nature of Suit: Breach of Contract
- **Johnson v. Storix, Inc** | June 2015–Jan 2016
 Jurisdiction: Federal
 Counsel: Eastman & McCartney LLP
 Nature of Suit: Intellectual Property–Copyright
- **Learning Technology Partners LLC v. University of the Incarnate Word** | Apr 2015–Mar 2016
 Jurisdiction: Federal
 Counsel: Glynn & Finley, LLP
 Nature of Suit: Breach of Contract
- **Nomadix, Inc v. Hospitality Core Services LLC** | Apr 2015–July 2015
 Jurisdiction: Federal
 Counsel: Mehrman Law Office, PC
 Nature of Suit: *Inter Partes* Review - Patent
- **Arrazate v. H&B Group, Inc, dba Nissan of Bakersfield** | Apr 2015–June 2015
 Jurisdiction: State
 Counsel: Rodriguez Law Firm
 Nature of Suit: Social Media Investigation

- **SecureAuth Corporation v. miniOrange Inc** | Mar 2015–Apr 2015
Jurisdiction: Federal
Counsel: Abelman, Frayne & Schwab
Nature of Suit: Intellectual Property–Copyright
- **Jonathan Demichael v. Peak Franchising, Inc** | Mar 2015–Apr 2015
Jurisdiction: State
Counsel: Lee, Hong, Degerman, Kang & Waimey
Nature of Suit: Product Liability Tort
- **Mad River Community Hospital v. CPSI, Inc** | Jan 2015–Mar 2015
Jurisdiction: State
Counsel: Janssen Malloy LLP
Nature of Suit: Breach of Contract
- **RPX Corporation v. Vantage Point Technology, Inc** | Jan 2015
Jurisdiction: Federal
Counsel: Winston & Strawn LLP
Nature of Suit: *Inter Partes* Review - Patent
- **Tool Circle Inc v. Nulinx International, Inc** | Dec 2014
Jurisdiction: State
Counsel: Humphrey + Law
Nature of Suit: Breach of Fiduciary Duty
- **Verso Paper LLC v. Go2Paper, Inc** | Nov 2014
Jurisdiction: State
Counsel: Bass Berry & Sims PLC
Nature of Suit: Intellectual Property - Patent
- **Next Gear IP LLC v. Capstone BPO and Rajesh Wadhwa** | Sept 2014–Sept 2015
Jurisdiction: State
Counsel: Wayne Wisong, Esq.
Nature of Suit: Breach of Contract
- **Nutri-Vet, LLC v. Dykas Shaver & Nipper, LLP** | Aug 2014–Dec 2014
Jurisdiction: Federal
Counsel: Hawley Troxell Ennis & Hawley, LLP
Nature of Suit: Malpractice
- **Breeze Ventures Management, LLC v. The Evans School, Inc** | Aug 2014–Oct 2014
Jurisdiction: State
Counsel: Peretz & Associates
Nature of Suit: Breach of Contract
- **Golden Best Plumbing, Inc v. Baghdasarian** | July 2014–Sept 2014
Jurisdiction: State
Counsel: Dack Marasigan LLP
Nature of Suit: Trade Name Infringement
- **Hill-Rom Company, Inc v. General Electric Company** | July 2014–Aug 2014
Jurisdiction: Federal
Counsel: Schiff Hardin LLP
Nature of Suit: Intellectual Property - Patent

- **Dealercentric Solutions, Inc v. Market Scan Information Systems, Inc** | June 2014–July 2016

Jurisdiction: State

Counsel: Burkhalter Kessler Clement & George LLP

Nature of Suit: Intellectual Property–Trade Secrets

- **YPP, Inc v. Supermedia LLC** | June 2014

Jurisdiction: Federal

Counsel: Kirkland & Ellis LLP

Nature of Suit: Intellectual Property–Copyright

- **AgJunction LLC v. Agrian Inc, et al.** | May 2014–Feb 2015

Jurisdiction: Federal

Counsel: Husch Blackwell LLP

Nature of Suit: Intellectual Property–Trade Secrets

- **Patent Infringement Action** | Mar 2005–Apr 2005

Jurisdiction: Federal

Counsel: Bingham McCutchen LLP

Nature of Suit: Intellectual Property–Patent

Intellectual Property Consulting

- **Confidential Analysis of Website Development Breach of Contract** | Nov 2024

Counsel: Gordon Rees Scully Mansukhani, LLP

Nature of Consultation: Pre-Litigation

- **Confidential Analysis of Cyber-Security Incident** | Nov 2024

Counsel: Bernstein Litowitz Berger & Grossmann LLP

Nature of Consultation: Pre-Litigation Analysis

- **Software Analysis for FTC in Undisclosed Matter** | Apr 2024–Oct 2024

Technology: complex WebServices, Chat bots, Software Design, Migration & Practices

Patent License Consulting

- **U.S. '235 Patents** | 4 Patents | Registers

- **U.S. '345 Patent** | 1 Patent | Graphics processing and selective visual display systems

- **U.S. '370 Patents** | 4 Patents | Multiplex communications

- **U.S. '273 & '463 Patents** | 2 Patents | Technology: Amusement devices: games

- **U.S. '455 Patents** | 4 Patents | Telecommunications

- **U.S. '705 Patents** | 3 Patents | Data processing: financial, business practice, management, or cost/price determination

- **U.S. '706 Patent** | 1 Patent | Data processing: artificial intelligence

- **U.S. '707 Patents** | 12 Patents | Data processing: database and file management or data structures

- **U.S. '709 Patents** | 5 Patents | Electrical computers and digital processing systems: multicomputer data transferring

Patent Brokerage Consulting

- **Global Intellectual Strategies** | Mar 2014
1 Patent | Virtualized computing
Created claim chart showing infringement by major virtualized computing platform.
- **Quinn Pacific** | Oct 2013
13 Patents | 2D/3D image processing
Researched portfolio and documented potential infringement by a Fortune 1000 software company.
- **Red Chalk Group** | May 2013
85 Patents | Wireless data processing
Evaluated patent portfolio for licensing opportunities.
- **Prodigy IP May 2013**
8 Patents | Online video streaming
Evaluated patent portfolio for licensing opportunities.
- **Prodigy IP Feb 2013**
2 Patents | Digital video recording
Prepared pre-sale research for small digital media portfolio. Conducted inventor interviews. Created materials explaining the invention and its potential value in the market.
- **Open Invention Network May 2008**
1 Patent | Operating systems
Researched a patent for similarity to my prior art from 1996. Advised on acquisition/licensing of patent.

Non-IP Consulting

Software Development Manager

RealTalk LA | Los Angeles, CA | Jan 2007–Apr 2007

- Launched community-news website in Debian/Ubuntu environment.
- Audited Ruby on Rails environment and performed triage on broken development components.
- Integrated Trac defect tracking software with Subversion source code control.
- Installed Capistrano for automated application deployments.
- Wrote unit, functional and integration tests, and provided group instruction for test writing.

Software Integration Engineer

Koders.com | Santa Monica, CA | Sept 2006–Dec 2006

- Integrated Ruby on Rails web services on VMWare Linux into existing Windows/MSSQL architecture.
- Installed and customized Beast discussion forums and Radiant content-management system.
- Ran httpperf benchmarks and configured application servers using mongrel_cluster load balancing
- Provided general Ruby on Rails expertise.

Software Developer

YouMee.com | Los Angeles, CA | Mar 2006–Sept 2006

- Ruby on Rails programming for social chat site YouMee.com
- Developed features from specs, performed unit tests, and promoted code into main development line.
- Fixed bugs and updated bug tickets.

Entrepreneur-in-Residence

Main Street Partners | Cambridge, MA | Aug 1999–May 2000

- Provided technology advising to investment and patent consulting firm on the MIT campus.
- Received entrepreneur pitches, developed business plans, and performed technology vetting.

Technical Advisor

Hummer Winblad Venture Partners | San Francisco, CA | June 2001

- Provided technology advising to leading VC firm for potential investment in software testing startup.
- Delivered presentations to partners and associates.

Build Manager

Informix | Oakland, CA | Apr 2001–May 2001

- Implemented cross-platform build automation systems for C and Java codebases on Unix, NT, and Macintosh.
- Integrated CodeWarrior (Mac) and Microsoft Visual Studio (NT) compilers into Unix make.
- Wrote integration code using Applescript, shell, and perl.
- Reduced package construction from 8-plus hours to less than 1 hour.

Release Manager

Vodafone | Walnut Creek, CA | Jan 2001–Feb 2001

- Release manager for Vodafone Internet Platform (VIP) project, a web services portal.
- Coordinated development, outsourcers, operations, and QA to design flow of code through the release process.
- Established baselines for development efforts.
- Drove CM requirements, internal standards and conventions.
- Performed training for developers on system usage and architecture.

Software Configuration Manager/System Administrator

Wind River Systems | Alameda, CA | Apr 2000–Dec 2000

- Performed infrastructure planning, purchasing recommendations, and technical support for worldwide rollout of ClearCase/Multisite to 17 international locations.
- Wrote Web-based tools in perl for monitoring sync state of network.
- Performed on-site installation and configuration.
- Conducted staff training and Q&A follow-up.

Build Engineer

CMGI | Andover, MA | Sept 1999–Oct 1999

- Organized development tree using CVS for CMGI business unit.
- Provided technical assistance and mentoring about sound software configuration management practices.
- Initiated transition from legacy shell script-based build system to recursive make.
- Worked with QA to provide testable builds of daily development efforts.
- Documented new procedures for project managers.

Software Configuration Manager/System Administrator

GTE Internetworking | Cambridge, MA | May 1998–Dec 1998

- Administered Unix/NT ClearCase environment for Web-based perl development project.
- Installed ClearCase clients, recommended optimal system configurations, performed client upgrades, and coordinated with lead administrators to ensure a productive environment.

- Established automated build environment and build records archive.
- Performed technical support and training for developers in use of the system.

Systems Administrator

Pencom Systems | Boston, MA | Jan 1998–May 1998

- Provided Unix and Windows desktop support for technical recruitment firm.
- Diagnosed and repaired Solaris, SunOS, SCO printing/web/mail/file access problems.
- Designed and installed new server room layout, specified and purchased hardware and component storage.

Systems & Process Auditor

Simon & Schuster Interactive | Boston, MA | Nov 1997–Dec 1997

- Audited software development system and identified problems in Java development efforts.
- Interviewed staff and vendor technical support, and investigated system architecture.
- Gathered technical metrics on servers, client workstations, and network performance.
- Prepared a final report detailing problems, investigative methodologies, and improvements to staff and management.

Software Configuration Manager/System Administrator

Eaton Corporation | Cleveland, OH & Glasgow, United Kingdom | Aug 1997–Nov 1997

- Implemented ClearCase and Attache rollout on HP-UX for Oracle developers at an international diversified parts manufacturer.
- Studied site requirements, recommended ClearCase configuration and implementation.
- Coordinated with Unix staff to make needed changes to development, QA, and production systems.
- Designed and taught a class about the use of ClearCase and Attache for developers, and presented it in several day-long sessions in Cleveland and Glasgow.

Software Configuration Manager/System Administrator

Shiva Networking | Burlington, MA | Apr 1997–Aug 1997

- Provided ClearCase and Unix support for embedded systems developers at network hardware company.
- Implemented perl scripts for system monitoring.
- Coordinated MultiSite rollout with Edinburgh, Scotland, and Cupertino, California.
- Migrated source code repositories from old hardware to new Ultra Enterprise servers.
- Provided training and mentoring for internal Shiva staff.

Software Configuration Manager

Ascum-Nexion | Acton, MA | Jan 1997–Apr 1997

- Provided ClearCase and SunOS/Solaris support for large telecom hardware manufacturer.
- Wrote shell and perl scripts to monitor ClearCase and nightly backup system.
- Implemented NTP across 300 Unix nodes.
- Configured Web server logging software and analyzed traffic.
- Provided ClearCase mentoring and training for internal staff.

Support Engineer

Atria Software | Lexington, MA | Sept 1996–Dec 1996

- Completed certification in ClearCase, a distributed software configuration management (SCM) and build system.
- Provided telephone and email support for ClearCase customers, often involving elaborate remote debugging.
- Participated in weekly “hot ticket” support sessions to solve difficult customer issues.

Network Administrator

Security Dynamics/RSA | Bedford, MA | Aug 1996

- Co-managed heterogeneous network for a large engineering department.

Teaching

• Programming Instructor

Bay Area Video Coalition | San Francisco, CA | Mar 2003–Apr 2003

Designed and taught an Applescript programming course for an educational technology nonprofit.

• Technology Instructor in Continuing Education

San Francisco State University | San Francisco, CA | Aug 2000–May 2003

Designed and taught technology courses for Information Technology and Multimedia Studies certificate programs:

- Principles of Programming
- Mac OS X
- Programming in AppleScript
- PC Hardware
- Internet Architecture
- Database Design
- Received “Outstanding Instructor Award” for Fall 2001

• Technology Instructor

Eaton Corporation | Cleveland, OH & Glasgow, United Kingdom | Aug 1997–Nov 1997

Designed and taught a class about the use of ClearCase and Attache for developers, presented in several day-long sessions.

Patent Applications

- **Method and Apparatus for Remotely Monitoring a Social Website** | Granted Jan 2, 2018
U.S. Patent 9,858,341 discloses a method for monitoring the creation of user-generated content on one website, and duplicating that content at a second, remote website. The duplicated content can be used for a variety of purposes such as trend analysis or individualized advertising.
- **Behaviorally-Targeted Ad Serving** | Filed Aug 3, 2006
Provisional filing for 11/833,018.
- **Bayesian-Guided Metadata Classification** | Filed June 5, 2006
The invention was a method for using metadata associated with curated content to classify new content. (abandoned provisional)
- **Bookmark Search Engine** | Filed Mar 10, 2000
The invention was an apparatus and method for compiling Web bookmarks across an audience of users and providing a means to search the bookmarks and their content. (abandoned provisional)

Professional Associations

- Forensic Expert Witness Association
- IEEE Computer Society
- Application Developers Alliance

Press

- [Florida's new social media law means kids and parents will have to prove who they are](#) | July 2024
- [Florida's new social media law is raising some concerns about whether it will actually work](#) | Mar 2024
- The Capital Forum (<https://thecapitolforum.com/>)
- Social Equity: Up in Smoke (Episode 2)
- This is LA (KCBS)
- Adult Ed with Jake and Amir
- Samsung Battery Recall (KABC)

Honors and Awards

- **Outstanding Instructor Award**, Fall 2001
Awarded each semester for exceptional teaching by a continuing education instructor at San Francisco State University.
- **Phi Eta Sigma National Honor Society**, Fall 1993
National academic fraternity.
- **USC Dean's List**, Spring 1990
Awarded for GPA of 3.8 or higher.
- **National Merit Scholarship Semifinalist**, Spring 1988
Awarded for academic achievement to 16,000 high school students each year out of 1.5 million entrants.

Technical Expertise

- **Web Technologies**
HTTP, AJAX, REST, SSL (secure sockets), proxies, Amazon Web Services, cloud computing, PaaS, SaaS, web forensics, content management, client/server computing
- **Programming Languages**
Ruby, Rails, PHP, perl, python, Java, JavaScript, HTML, XML, Shell
- **Operating Systems**
Linux, Unix, Mac OS X, iOS, Windows, file systems
- **Databases**
MySQL, mSQL, Sqlite, Memcached, Cassandra, MongoDB
- **Development and Version Control**
Git, Mercurial, Github, Bitbucket, JIRA, ClearCase, Subversion, CVS, RCS, make, gmake

- **Other**

Agile development standards and practices, academic plagiarism analysis using MOSS (Measure of Software Similarity), natural language processing (NLP), machine learning, authentication/authorization, encryption, mobile development, performance tuning, scalability, network performance