

# William Luk

Regional Director, Northern California

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**Quandary Peak Research**

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## Education

### Master in Business Administration

USC – Marshall School of Business, Los Angeles, California

### Master of Science in Computer Science

University of Southern California, Los Angeles, California

### Bachelor of Science in Computer Science

University of Southern California, Los Angeles, California

## Employment

### Regional Director, Northern California

Quandary Peak Research | Hayward, CA | July 2021–Present

- Evaluating the software architecture of various products and assessing overall characteristics, strengths and weaknesses.
- Analyzing source code to opine on various software characteristics such as scalability, interoperability, security, and extensibility.
- Using a suite of tools to programmatically detect the presence of open-source software and potential exposure to problematic open-source licenses and security vulnerabilities.
- Interfacing with private equity, VC and other clients as well as executives/technical team from target companies.
- Documenting and conveying technical findings to clients in the form of a formal report and/or executive briefing .

### Founder

Data Lantern Inc | Newark, California | Feb 2014–Dec 2020

- Built a secure data ecosystem for Internet of Things (IoT) to solve data security / privacy, smart device interoperability, and monetization / adoption issues.
- Developed a PoC backend to secure smart device data with REST API's.
- Led an off-shore team to develop a React-Native based data gathering app for Apple iOS and Android based devices (available on both Apple and Google App Stores).
- Pitched the company's ideas, business model, and execution strategies to investors and partners.

## **Consultant**

PeakEquity Partners | Radnor, Pennsylvania | Sept 2015–Dec 2017

- Performed technical due diligence of Security, SaaS, and Enterprise Content Management (ECM) companies for possible investment or acquisition.
- Reviewed target company's product architecture, product security, deployment strategies, and support infrastructure for technical and security risk and exposure.
- Compared target company's technology stacks and tools against the latest industry standards.
- Identified and recommended solutions to investment's potential technical, security, development, quality, deployment, and operational (on-premise / SaaS) issues.

## **Advisor / Product Management**

Sideband Networks | San Jose, California | Feb 2014–Jan 2016

- Refocused company's strategy from network management to behavior-based security and risk monitoring using extremely large data analytics.
- Authored a high-level PRD of a network anomalies based security appliance for enterprises.
- Evaluated engineering process and established an Agile development process (Jira) for both engineering and product management teams.

## **Consultant / Product Management**

Prevalent Inc | Warren, New Jersey | June 2014–Aug 2015

- Defined the product requirements and workflows of the Vendor Risk Management (VRM) SaaS offering.
- Monitor the off-shore development team progress and execution velocity.
- Evaluated micro-service architecture of the SaaS backend for scalability.

## **Senior Director, Software Development**

CA Technologies Inc | Santa Clara, California | Nov 2010–Feb 2014

- Led the ERwin data modeling product development to support extremely large enterprise databases for Fortune 100 companies.
- Managed the CA APM development team to develop the first SaaS solution.
- Partnered with CA Ops, SaaS Platform team, Product Management, Sales, and 3rd Party Security Auditors to deliver the APM SaaS solutions on AWS.
- Represented CA to work with key enterprise customers and world-wide user groups to present roadmaps, and address and resolve product issues and concerns.
- Presented and updated CA senior executives quarterly on product development, key support issues, and customer satisfaction (NPS).

## **Senior Director, Advanced Products**

Yousendit / HighTail Inc | Campbell, California | Apr 2010–Nov 2010

- Formulated product strategies and roadmaps to extend freemium SaaS offering.
- Expanded business into China by partnering with CDN (ChinaCache) in China.

- Shifted focus from email file exchange to cloud storage and mobile computing platform

## Director, Development

Symantec Corporation | Mountain View, California | May 2003–June 2009

- Led the development of Symantec Network Security (IDS/IPS) and Database Security products for very large enterprises.
- Mentored and developed leaderships in coding, quality engineering, and product management.
- Managed global engineering teams in the US, Pune India, and Bangalore India.

## Software Manager

CoSine Communications | Redwood City, California | Feb 1999–May 2003

- Architected, designed, and managed the development of the stateful firewall, H.323, and SIP gateway for the carrier class IPSX network switch with virtualized security services.
- Developed a security architecture for the embedded RTOS inside a network switch.
- Deployed a secured H.323 based video conference solution in the AT&T network.

## Network Security Architect

Union Bank of California (UBOC) | Monterey Park, California | Jan 1998–Feb 1999

- Architected the security perimeters for UBOC's two primary data centers.
- Evaluated and implemented encryption of wire transfer processing within the UBOC network.
- Represented Information Security to partner with different UBOC business units to identify potential security and risk exposures of new initiatives.
- Partnered with UBOC auditors to conduct audits of employee's remote access.
- Designed the UBOC's security policies and incident response procedures to comply with Federal banking regulations.

## Senior Software Engineer / Consultant,

Trusted Information Systems (TIS) | Los Angeles, California | May 1995–Jan 1998

- Designed and developed the Oracle SQL\*Net, Microsoft SQL Server, SNMP, and Line Printer application proxies for the Gauntlet Firewall, the first commercial Internet firewall.
- Consulted Republic National Bank of New York, American Express, Monsanto, Hughes Aircraft, and US Navy on network and perimeter security.

## Litigation Consulting

- **Alyssa West v. Apple, Inc** | Aug 2024–Present  
Jurisdiction: State of CA, County of Santa Clara  
Case Number: 22-cv-408209  
Counsel: Migliaccio & Rathod LLP, Bursor & Fisher, P.A.  
Nature of Suit: Class Action

- **Omnitracs, LLC, XRS Corporation, and SmartDrive Systems, Inc v. Motive Technologies, Inc (F/K/A) Keeptruckin, Inc** | July 2024–Present  
Jurisdiction: US District Court, Northern District of CA San Francisco Division  
Case Number: 3:23-cv-05261  
Counsel: King & Spalding LLP  
Nature of Suit: Patent
- **Universal Music Group v. Frontier Communications** | July 2024–Present  
Jurisdiction: US Bankruptcy Court Southern District of New York  
Case Number: 20-22476 (MG)  
Counsel: Day Pitney LLP  
Nature of Suit: Bankruptcy
- **Marcos & Jorge Luis Rodriguez v. T-Mobile USA, Inc** | July 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
- **USA v. Hytera Communications Corporation, Ltd et al.** | Apr 2024–Present  
Jurisdiction: US District Court, Northern District of Illinois  
Case Number: 1:20-cr-00688  
Counsel: U.S. Attorney's Office Northern District of Illinois  
Nature of Suit: Criminal, Trade Secret
- **Anduril Industries, Inc v. Salient Motion Inc** | Apr 2024–Present  
Jurisdiction: US District Court, Central District of California  
Case Number: 8:23-cv-01650  
Counsel: McKool Smith, P.C.  
Nature of Suit: Trade Secret
- **InQuisient Inc v. ServiceNow, Inc** | Mar 2024–Present  
Jurisdiction: US District Court for the District of Delaware  
Case Number: 1:22-cv-00900  
Counsel: Fish & Richardson P.C.  
Nature of Suit: Patent
- **Robotic Vision Technologies Inc v. ABB Inc** | Feb 2024–Present  
Jurisdiction: Delaware District Court  
Case Number: 1:22-cv-01257  
Counsel: Sterne Kessler Goldstein & Fox PLLC  
Nature of Suit: Patent, Trade Secret and Copyright Infringement  
Technology: Robotic computer vision, gripper targeting, feature selection and identification
- **Polaris PowerLED Technologies, LLC v. Samsung Electronics America** | Sept 2023–Present  
Jurisdiction: Eastern District of Texas, Marshal Division  
Case Number 2:22-cv-353-JRG  
Counsel: Kramer Alberti Lim & Tonkovich LLP  
Nature of Suit: Patent

- **Security First Innovations, LLC vs Google LLC** | Sept 2023–Present  
 Jurisdiction: US District Court Eastern District of Virginia Alexandria Division  
 Case Number 2-23-cv-00097-EWH-RJK  
 Counsel: Sullivan & Cromwell LLP  
 Nature of Suit: Patent
- **Donna Wood, et al. v. Mike Bloomberg 2020, Inc.** | Sept 2023–Present  
 Jurisdiction: US District Court Southern District of New York  
 Case Number 20-cv-02489-LTS-GWG  
 Counsel: Proskauer Rose LLP  
 Nature of Suit: Class Action, Political
- **Nantworks, LLC, and Nant Holdings IP, LLC v. Niantic, Inc.** | Aug 2023–Present  
 Jurisdiction: US District Court Northern District of California  
 Case Number 3:20-cv-06262  
 Counsel: Sullivan Blackburn Pratt LLP  
 Nature of Suit: Patent
- **K+S Potash Canada General Partnership v. Veolia Water Technologies Inc** | Mar 2023–Present  
 Jurisdiction: Court Of Queen's Bench For Saskatchewan  
 Case Number QB No. 817 (filed 2018)  
 Counsel: Stikeman Elliott LLP  
 Nature of Suit: Breach of Contract  
 Technology: Plant Design Management Systems (PDMS), Clash Detection, Database synchronization  
 Role: Software Architecture and Product Reviewer
- **Wildseed Mobile v. Google LLC** | Jan 2023–Present  
 Jurisdiction: US District Court Western District of Texas Waco Division  
 Case Number: 6:22-cv-00357  
 Counsel: Feinberg Day Kramer Alberti Lim Tonkovich & Belloli LLP  
 Nature of Suit: Patent Infringement
- **Taasera Licensing, LLC v. Trend Micro, Check Point Software, Palo Alto Networks** | Jan 2023–Dec 2023  
 Jurisdiction: US District Court Eastern District of Texas Marshall Division  
 Case Number: 2:22-cv-00062-JRG-RSP  
 Counsel: Fabricant LLP  
 Nature of Suit: Patent
- **GoTV Streaming LLC v. Netflix** | Jan 2023–Present  
 Jurisdiction: US District Court Central District of California Western Division  
 Case Number: 2:22-cv-07556  
 Counsel: Alavi & Anaipakos, PLLC  
 Nature of Suit: Patent
- **Sunstone v. F5** | Sept 2022–Apr 2023  
 Jurisdiction: US District Court Northern District of California Oakland Division  
 Case Number: 4:21-cv-09529-YGR  
 Counsel: King & Spalding LLP  
 Nature of Suit: Patent

- **Carrolls v. Neels** | July 2022–Mar 2024  
Jurisdiction: Superior Court Maricopa County, Arizona  
Case Number: CV2021-008343  
Counsel: Guidant Law Firm, Tempe Arizona  
Nature of Suit: Misrepresentation & Non-disclosure
- **Broadband iTV, Inc. v. Comcast Corporation; Comcast Cable Communications, LLC; NBCUniversal Media, LLC** | Apr 2022–Sept 2022  
Jurisdiction: International Trade Commission  
Case Number: 337-TA-1315  
Counsel: Kramer Day Alberti Lim Tonkovich & Belloli  
Nature of Suit: Patent
- **Broadband iTV, Inc. v. Charter Communications, Inc; Charter Communications Holding Company, LLC** | Apr 2022–Sept 2022  
Jurisdiction: International Trade Commission  
Case Number: 337-TA-1315  
Counsel: Kramer Day Alberti Lim Tonkovich & Belloli  
Nature of Suit: Patent
- **Broadband iTV, Inc. v. Spectrum Management Holding Company, LLC** | Apr 2022–Sept 2022  
Jurisdiction: International Trade Commission  
Case Number: 337-TA-1315  
Counsel: Kramer Day Alberti Lim Tonkovich & Belloli  
Nature of Suit: Patent
- **Broadband iTV, Inc. v. Altice USA, Inc; CSC Holdings, LLC; Cablevision Systems Corp.** | Apr 2022–Sept 2022  
Jurisdiction: International Trade Commission  
Case Number: 337-TA-1315  
Counsel: Kramer Day Alberti Lim Tonkovich & Belloli  
Nature of Suit: Patent
- **Via Transportation v. RideCo Inc** | June 2022–Present  
Jurisdiction: Western District of Texas  
Case Number: 6:21-cv-00457  
Counsel: Quinn Emanuel Urquhart & Sullivan LLP  
Nature of Suit: Patent
- **Cryptocurrency Pre-Litigation Investigation (Confidential Defendant)** | May 2022  
Jurisdiction: Federal (DoJ)  
Counsel: Todd & Weld LLP  
Nature of Suit: Cryptocurrency, Blockchain, Smart-Contracts
- **ReactX v. Google** | Apr 2022–Present  
Jurisdiction: Central District of Los Angeles  
Case Number: 18STCV09674  
Counsel: Cohen Milstein Sellers & Toll PLLC  
Nature of Suit: Trade Secret
- **Express Mobile v. Microsoft** | Sept 2021–Present  
Jurisdiction: Northern District of California  
Case Number: 3:20-cv-06152  
Counsel: Feinberg Day Kramer Alberti Lim Tonkovich & Belloli LLP  
Nature of Suit: Patent

- **Centripetal v. Palo Alto Networks** | Aug 2021–Present  
Jurisdiction: Eastern District of Virginia  
Case Number: 2:21-cv-00137-AWA-RJK  
Counsel: Kramer Levin Naftalis & Frankel LLP  
Nature of Suit: Patent

## Tech Due Diligence Consulting

- **Genpact** | M&A | May 2023  
Technology: AI/ML, Predictive Analysis
- **Lionard PTE Ltd, Singapore** | Startup M&A | April 2022  
Technologies: Blockchain, Content
- **Tenex Capital Management** | Startup M&A | Mar 2022  
Technologies: B2B2C, Employee Wellness
- **Setana Energy Group** | Startup M&A | Dec 2021  
Technologies: On-line shopping
- **Schneider Electric** | Startup M&A | Dec 2021  
Technologies: SaaS, Electric Vehicle
- **Schneider Electric** | Startup Investment | Nov 2021  
Technologies: SaaS, Energy
- **Schneider Electric** | Startup M&A | Nov 2021  
Technologies: Lead Generation, Energy
- **Tenex Capital Management** | Startup M&A | Nov 2021  
Technologies: Lead Generation, Solar

## Publications

- William Luk | 2015  
[\*Internet of Things / Internet of Sensor Data\*](#)
- William Luk | CA ERWorld 2012 | 2012  
[\*A Unified Data Modeler in the World of Big Data\*](#)
- William Luk | YouSendIt, Inc | 2010  
*Data Migration and Collaboration in the Cloud*

## Certifications

- **Scrum Alliance**  
Certified Scrum Product Owner (CSPO)  
Certified Scrum Master (CSM)

# Skills

**Technical:** C, C++, Python, JavaScript, PHP, Java, SQL, MySQL, MongoDB, PostgreSQL, HBase, GraphDB, GraphQL, React-Native, TCP/IP, RTOS (VxWorks), Network Security, hardware appliances

**Tools:** AWS, Ubuntu, iOS, Node, Docker, Git, GitHub, Hadoop, Hive, Jira, IBM RTC, VersionOne

**Management:** Full software lifecycle, Global engineering teams, Offshore / contract engineering teams, Agile product delivery (engineering & product management), Leadership coaching / development, Executive level communications / presentation, Customer requirements and relationship building