

Jack Chou

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EXPERIENCE

Aug 2016 -
present

NerdWallet

Senior Software Engineer (Mar 2019 – present) | **Software Engineer** (Aug 2016 – Mar 2019)

- ▶ **HIGH-LEVERAGE:** Collaborated on multiple teams and contributed to various new codebases and new platforms throughout my tenure, playing a crucial early role in building out and maintaining a variety of key backend platforms, libraries, and APIs that will continue to power NerdWallet's personal finance management features for both native and web applications for years to come
- ▶ **VERSATILE:** Created, integrated, and maintained financial data linkage and credit report integration systems with various disparate third-party APIs
- ▶ **RESOURCEFUL:** Designed and implemented a highly personalized financial insights engine that leverages user-linked financial data to generate tailored insights on cash flow, budgeting, bills, and net worth tracking
- ▶ **PROACTIVE:** Spearheaded stability metrics and service level objectives—with accompanying dashboards and monitors—for user-facing and platform teams alike
- ▶ **STRATEGIC:** Championed an effort to replace our technical phone screen interview with an asynchronous coding exercise, significantly improving nearly every single downstream hiring funnel metric, and saving—and continuing to save—countless hours for candidates, engineers, and recruiters alike

Aug 2013 –
May 2016

UC Berkeley Student Affairs IT

Security Engineering Manager (Dec 2014 – present) | **Security Engineer** (Aug 2013 – Dec 2014)

- ▶ Lead a team of 8 to design, audit, and enforce security operations and policy across campus.
- ▶ Spearhead web/mobile application projects and internal tools development focused on security.
- ▶ Train and educate employees and students by holding workshops on security-related topics.
- ▶ Investigate and resolve network security incidents to protect sensitive data and 10,000+ hosts.

Jan 2013 –
May 2016

BERKE1337 Cyber Security Team

President, Team Captain | 1st place, Western CCDC 2014 & 2015 | 2nd place, National CCDC 2015

- ▶ Defend vulnerable networks from active attackers while maximizing critical service uptime.
- ▶ Facilitate teamwork by delegating tasks, mediating conflicts, and keeping the team focused.

May 2015 –
Aug 2015

Visa

Enterprise Security Architecture Intern

- ▶ Architect a network security zoning framework across Visa's global enterprise infrastructure.
- ▶ Execute a proof of concept for seamless and robust virtualized infrastructure encryption.

SKILLS

Languages
Frameworks
Security

Python > Go > Java > SQL > C/C++ > Ruby > JavaScript/TypeScript > GraphQL > Scala > LISP
Flask, Echo, Apache Spark & Hadoop MapReduce, Ruby on Rails
Wireshark, Nessus, Snort, Metasploit, Kali Linux, Nmap/Netcat, iptables, gdb, SSH/PuTTY, GPG, Scapy, Windows Sysinternals (procxp, tcpview, autoruns), Lynis, John the Ripper, hex editors

EDUCATION

2012 – 2016

University of California, Berkeley

B.S. Electrical Engineering and Computer Science (EECS)

- ▶ Regents' and Chancellor's Scholarship candidate (top 2% of all UC Berkeley applicants)
- ▶ Eta Kappa Nu (HKN) international EECS honor society member

2008 – 2012

San Ysidro High School Valedictorian

AWARDS AND HONORS

2015

- ▶ 2nd place winner (*SecureMe*) of the 2015 UC Berkeley campus-wide mobile app competition

2015

- ▶ Director of Public Relations for UC Berkeley IEEE, Best 2014 Student Engineering Organization

2014

- ▶ Best Non-Profit Organization Hack (*Hall of Time*) at the Cal Blueprint Social Good Hackathon

2012

- ▶ College of Engineering Dean's Honors