

THOMAS HANSEN

Bay Area, California · (801) 580 - 2927 · th4019@gmail.com

EXPERIENCE

BitGo September 2017 - Present
Lead Software Engineer Palo Alto, CA

- Interviewed 40+ candidates, led team of 7 engineers, managed backlog and coordinated with PMs.
- Mentored new engineers on development process, testing practices and writing secure code.
- Designed and implemented accounting system to store customer balances via cryptographic proof.
- Reduced API latency by adding indices, parallelizing queries and reducing npm dependencies.
- Migrated stack to Kubernetes with optimized Docker images, Helm, and AWS ECR.
- Created 25+ new API endpoints, reviewed addition of 50+ endpoints, including both HTTP and gRPC.

Google June 2016 - August 2017
Software Engineer Mountain View, CA

- Improved google.com phone ads by implementing features in multi-million line C++/Java codebase.
- Increased click-to-call ad impressions by 0.5% by reducing restrictions on co-triggering.
- Proactively improved code quality by removing legacy feature flags and upgrading end-to-end tests.

Google - Software Engineering Intern May 2015 - August 2015
Risk Management for Google Play Mountain View, CA

- Added new signals based on pagerank graph algorithm into a realtime fraud detection system.

Payments Engineering Productivity May 2014 - August 2014

- Designed Angular frontends to visualize binary and database dependencies efficiently.

Lingotek June 2013 - November 2013
Software Engineering Intern Lehi, UT

- Integrated proprietary translation management platform with Drupal's open-source ecosystem.
- While attending DrupalCon Prague 2013 added highly requested business-critical feature overnight.

Volunteer Service as Full-time Missionary June 2011 - June 2013
Church of Jesus Christ of Latter-day Saints Guatemala City, Guatemala

- Wrote custom software which greatly increased efficiency and communication of volunteers.

EDUCATION

Brigham Young University September 2010 - April 2016
Bachelor of Science, Computer Science: Minors: Mathematics, Management Provo, UT

- GPA: 3.97/4.0, Recipient of Heritage Scholarship (8 semesters - full tuition).
- 1st Place at Microsoft BYU Coding Challenge — 5th Place at 2014 ACM ICPC Rocky Mountain Regional

TECHNICAL STRENGTHS

Go JavaScript C++ Docker PostgreSQL Python React
Nginx MongoDB Java Linux Map Reduce Vue.js Node.js Git
Kubernetes

MORE INFO

thomashansen.me · linkedin.com/in/thomashansenbyu · github.com/thomas4019