

THOMAS HANSEN

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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

EXPERIENCE

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

- Designed graph algorithms to propagate knowledge from known fraudsters to related users.
- Added new signals for training in a realtime fraud detection system.

Google — Payments Engineering Productivity May 2014 - August 2014
Boulder, CO

- Automated collection of meta-data about NoSQL databases.
- Designed front-ends in Angular to visualize the data efficiently.
- Worked with a testing platform and other systems to automatically find dead code.

Software Engineer June 2013 - November 2013
Lingotek 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.

Software Developer July 2010 - June 2011
Family Search Salt Lake City, UT

- Created internal site with login, calendar, task management and integrated with HR management system.

Technical Lead November 2009 - June 2011
Utah High School Film Festival Salt Lake City, UT

- Wrote backend that received and transcoded videos at rates over 100 Mb/s, preparing for online viewing.

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.
- Effectively managed communication between 200+ volunteers and the president of the organization.
- Obtained professional fluency in Spanish while teaching and interacting with members of the community.

TECHNICAL STRENGTHS

JSON PHP HTML Angular Node.js SQL JavaScript Go
C++ Map Reduce XML Java Python Git Django
CSS Linux TCP

MORE INFO

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