

TED TAIHO KANG

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WORK EXPERIENCE

SimplyInsured

Software Engineer

San Francisco, CA

Sep 2014 - Feb 2015

- Joined as the third engineer. Responsible for all aspects of projects from design, implementation, testing, deploy, gathering customer feedback, and iteration. Wore a variety of hats as projects ranged from customer facing features on the site to setting up and configuring new web servers to balance load.
- Made large improvements to the architecture of our PDF parsing systems, which was necessary to expand coverage from 9 states to all 50 in a few months.
- Developed several new heuristics for Ruby scrapers that helped quicken data aggregation from various online sources.

Zoosk

Software Engineer

San Francisco, CA

Feb 2013 - Aug 2014

- Worked on several large features and major redesigns using Cupid, Zoosk's custom Google Closure based Javascript library. Responsible for prototyping and developing new features from comps and specs provided by UX and product teams.
- Redesigned and redeveloped the admin section of the site using Node.js and AngularJS to improve performance and code maintainability.
- Led multiple investigative efforts on performance projects such as decreasing the error rate between the XMPP chat client/server and improving the way we batch calls to our API layer.

Oracle

Application Developer

Redwood Shores, CA

Dec 2010 - Jan 2013

- Worked on a variety of projects on Oracle's Supply Chain Manufacturing application fixing issues and writing custom extensions for specific clients.
- Worked as the environment manager for the Supply Chain Manufacturing and Discrete Manufacturing teams. Responsible for ensuring test and development environments were updated and operational, and for provisioning new environments for the teams when necessary.
- Prototyped an iPad application for factory supervisors, which was used to demo future capabilities in manufacturing conferences.

MIT's Decentralized Information Group

Research Assistant

Cambridge, MA

Jan 2008 - Jun 2009

- Investigated ways to improve privacy protections in social networks. Focus was on ways to use Information Accountability to improve privacy protections in social networks, in addition to the access protection methods that were already in place.
- Worked on the Tabulator Semantic Web Browser to offer a simple decentralized social network based on individually hosted FOAF files. Tried to apply a Creative Commons model to offer privacy protections that would define how certain users could interact with the personal data.)
- Completed Master's Thesis, Respect My Privacy, detailing a framework for setting up accountable privacy protections in decentralized social networks.

Booz Allen Hamilton

Security Consultant Intern

Linthicum, MD

Jun 2008 - Aug 2008

- Developed an application used by Booz Allen consultants to detect compromised files in systems. We would analyze dumps of the Master File Table to find inconsistencies in timestamp information, which would often be used by hackers to cover their tracks after compromising a system.
- Gained exposure to a variety of projects in the field of computer security and forensics while assisting consultants in the production of deliverables.

EDUCATION

Massachusetts Institute of Technology - Cambridge, MA

Bachelor of Science in Computer Science and Engineering with minor in Philosophy, 2008

Master of Engineering in Electrical Engineering and Computer Science, 2009

SKILLS/PERSONAL

Languages: Javascript (AngularJS, NodeJS, Google Closure) • Ruby + Rails • MySQL, PL/SQL • Java

Fluent in English and Conversational in Korean

I love reading, especially history and philosophy. I was a competitive tennis player and continue to play regularly (I have a mean lefty slice serve). I love all types of games, whether card games, video games, or board games.