David Zhang

3A Software Engineer

✉ davzee@hotmail.com

🌐 davzhang.me

⎇ github.com/davidozhang

in linkedin.com/in/davzhang1

Languages

Python, *Java*, *Swift*, C++, JavaScript, HTML/CSS, Objective-C, SQL, PHP

Frameworks

Flask, Pyramid, Django, AngularJS, Node JS, Android SDK, Pebble SDK, Swing

Tools and Libraries

Git, AWS, XCode, Android Studio, Vagrant, Docker, Eclipse

Interests

Rockclimbing, Civil Aviation, Hackathons, Swimming

Work Experience

iOS Engineer, FiveStars Loyalty
May 2016 – Present | San Francisco, CA
- Currently working on FiveStar's iOS native consumer application

Fullstack Web Engineer, OANDA
Sep – Dec 2015 | Toronto, ON
- Implemented asynchronous Angular forms and EID check to speed up registration by 20%
- Designed custom web dashboards to monitor agile statistics and improve pipeline quality
- Set up Vagrant environments, reduced onboarding time by over 80%
- Implemented new mobile registration prototype, won Most Productizable Hack at OANDA Hackathon

Python Web Engineer, EventMobi
Jan – Apr 2015 | Toronto, ON
- Implemented RabbitMQ-based concurrent worker system for asynchronous web API
- Developed RESTful micro-services in Flask to enhance scalability and data monitoring

Projects

Snapshop
Jan 2016 | devpost.com/software/snapshop-q9y1pu
- Self-checkout iOS shopping app using Firebase for product lookup and Braintree API for secure payments

Off The Grid
Nov 2015 | devpost.com/software/off-the-grid-lhgj8q
- Offline, real-time canvas collaboration iOS app using Apple's Multi-Peer Connectivity Framework
- Top 6 Finalist at Hack Western 2

Scarecrow
Nov 2015 | instructables.com/id/Scarecrow-Intel-IOT
- iOS Touch-ID home security app paired with Intel Edison board running Python and Node JS server
- 2nd Place at Intel IOT Hackathon