David Zhang

3A Software Engineer

✉ davzee@hotmail.com

🌐 davzhang.me

⚙ github.com/davidozhang

in linkedin.com/in/davzhang1

Languages

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

Databases

MySQL, MariaDB, Firebase, Cassandra

Frameworks

Flask, Pyramid, AngularJS, Node.JS, Cocoa Touch, Pebble SDK C/JS/iOS, Swing, Pygame

Tools & Libraries

Git, Phabricator, SQLAlchemy, Alembic, Vagrant, Docker, Grunt, Bower, Jasmine, XCode, Eclipse, Sublime, Apache Kafka, RabbitMQ, AWS

Work Experience

Software Engineer, FiveStars Loyalty
May – Aug 2016 | San Francisco, CA

Fullstack Web Developer, OANDA
Sep – Dec 2015 | Toronto, ON

- Implemented asynchronous Angular forms and EID check to speed up registration process by 20%
- Reduced front-end assets to improve registration page load speed on slow Internet
- Designed custom dashboards to monitor team agile statistics and improve quality of work in pipeline
- Set up engineering team Vagrant environments, reduced onboarding time by 80%
- Implemented new mobile registration prototype, won Most Productizable Hack at OANDA Hackathon

Python Web Developer, EventMobi
Jan – Apr 2015 | Toronto, ON

- Implemented RabbitMQ-based concurrent worker system for asynchronous web API
- Developed REST micro-service endpoints in Flask to enhance scalability and data monitoring
- Led team in retiring legacy content manager, moved critical business logic into Python API

Projects

Snapshop
Jan 2016 | devpost.com/software/snapshop-q9y1pu

- Self-checkout iOS shopping app using Firebase for product lookup and Braintree API for secure payment

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 an Intel Edison board running Python and Node.JS servers
- 2nd Place Overall at Intel IoT Roadshow 2015