David Zhang

3B Software Engineer

- davzee@hotmail.com
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- linkedin.com/in/davzhang1

Languages

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

Frameworks

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

Tools and Libraries

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

Interests

Rockclimbing, Hiking, Civil Aviation, Hackathons, Swimming

Work Experience

iOS Engineer, FiveStars Loyalty

May – Aug 2016 | San Francisco, CA
- Delivered revamped Explore View using Auto-Layout for UI and RestKit for networking
- Implemented deep linking into custom views using Branch SDK, increased user acquisition by 15%
- Organized company hackathon, won 2nd place through implementation of Universal Promotions in consumer app
- Integrated Twilio into mobile app to facilitate merchant and consumer feedback conversations
- Reduced cumulative network overhead by 50%, improved launch-time performance by 40% through profiling

Fullstack Web Engineer, OANDA

Sep – Dec 2015 | Toronto, ON
- Implemented asynchronous Angular forms and EID check to speed up registration by 20%
- Reduced onboarding time by over 80% through Vagrant setup
- 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

Spycodes

Aug 2016 | itunes.apple.com/us/app/spycodes/id1141711201
- Multiplayer word-association game built on top of Apple's Multi-Peer Connectivity and GameKit frameworks

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 servers
- 2nd Place at Intel IOT Hackathon