

JIMMY ZHANG

xyz15017@gmail.com

PROFESSIONAL PROFILE

Soft Skills:

- Strong logical thinking, research, change adapting, time management, quick self-learning

Hard Skills:

- Technical Capabilities: Mobile app development, macOS development, Penetration testing, Web development, Embedded system programming, Distributed system administration
- Programming Languages: Java, Swift, C, JavaScript, Python, SQL, AppleScript, BASH
- Computer Software: Nginx, macOS, Linux, Tor, Xcode, Docker

EDUCATION

Purdue University
B.S. in Computer Science

West Lafayette, IN
August 2011 - May 2015

PROFESSIONAL EXPERIENCES

Software Development Engineer

February 2018 - Current

■ Enterprise Web UI Framework

Kirkland, WA

- Designed and implemented interface builder in Angular for enterprise users
- Enhanced Java backend to support new UI features

Full Stack Developer

August 2015 - December 2017

■ iOS App

Seattle, WA

- Real-time messaging system
 - Designed and implemented message delivery process
 - Designed and implemented user interface in the app
 - Designed and implemented scalable socket servers with Redis
 - Tested with 1k concurrent connections and 1k messages
- Backend APIs
 - Designed and implemented scalable Node.js servers
 - Simplified user workflow with TensorFlow. Increased user productivity up to 500%
 - Tested with 10k read operations and 1k write operations
- Mobile analytics
 - Implemented live user counter, suggestion, rate limit features with Redis
- Optimization
 - Reduced app compile time by 33% by optimizing source code
 - Reduced app publish time by 50% by using fastlane
 - Reduced app launch time by 66% by using fewer dynamic frameworks