

YANG CHEN

Technical Skills

Languages

JAVA, Python, C++, Spring, Hibernate, NodeJS, AngularJS, ReactJS, Drupal, Objective-C, JavaScript, Android, PHP, Swift, C#, C, HTML, BLE, MongoDB, MySql, NoSql, CSS

Operating Systems

Unix, Windows, Mac, Linux, FreeBSD, SVN, MySQL, SQL Apache, WAMP

Project Portfolio

<http://www.boostshore.com>

Applications

Aws, Git, Prototype, Sublime, Eclipse, Xcode, Quantum Data, Crawler, Android Studio, Adobe Photoshop, Visual Studio, NClass

Bilingual

English, Mandarin Chinese

GitHub account

www.github.com/cy19890513

Work Experience

BACKEND DEVELOPER (CONTRACT) | TiVo Inc. | San Jose, Ca [Jun. 2016 – Present]

TiVo is a digital video recorder. TiVo provides an on-screen guide of scheduled broadcast programming television programs, whose features include "Season Pass" schedules which record every new episode of a series, and "WishList" searches which allow the user to find and record shows that match their interests by title, actor, director, category, or keyword. Product description locate at youtube.com/watch?v=J7BJHMBFFWA. My work includes:

- Worked on cutting edge programming language and compiler development for next generation TiVo Box UI using Haxe and Java.
- Implemented and debugged media pipeline software on TiVo Box platform using C/C++.
- Designed and Built the Quantum Data 980 Automation system using Python, JavaScript, Linux, Telnet, FTP and Shell prompt.

TiVo CRM application is a complicate service oriented architecture java application. It includes functions like purchase, exchange/return, activate, deactivate, setting up groups and other CRM related functions. It used SAP as Database, MuleSoft as ESB platform, java used in backend application. The website has 2M visit and Rank 7600 in U.S. external website located at www.tivo.com:

- Improved CRM (Sales Force) application base on business needs (Ecommerce, Exchange, Exchange Edit flow)
- Developed Front end and Back end application using JAVA, Servlet, Spring, Maven, AngularJS, REST API, Mule Soft ESB and SAP.
- Optimized software by considering the time complexity and space complexity.
 - Fixed/Implemented customer management application email system, Tracked/read big size of logs on Unix server through putty

SOFTWARE ENGINEER/CO-FOUNDNER | 888 Consulting Inc. | Sunnyvale, Ca [Jun. 2015 – Jun. 2016]

888 Consulting Company is focused on help other company develop mobile and web application. website located at <http://888consulting.strikingly.com/>

- Developed end to end applications flow include Fintech app, Calendar related app and Mobile ads integration.
- Developed a web site that shortened urls using AngularJS, NodeJS and MongoDB.

SOFTWARE ENGINEER | Vigo Technologies Inc. | SF, Ca & Shenzhen, China [Jul. 2015 – Dec. 2015]

Vigo company is a hot startup company work on IOT devices. The product Vigo able to detect eye blinks of the user. It allows the user to control it through smart phone application. One of the cool function is to alert sleepy drivers and keep road trip safe. <http://www.kickstarter.com/projects/jasongui/meet-vigo-the-very-first-energy-gauge-for-you>.

- Worked closely with outsourcing team, set BLE project goals and tracked the Backend, iOS, Android app progress using JIRA. Designed, developed, updated and maintained backend and iOS application using Python, Objective-C and Xcode.

SOFTWARE ENGINEER | GrandStream Networks | City of Industry, Ca [Nov. 2014 – Apr. 2015]

Worked on GrandStream GXP color phone. It is one of the most popular Voice over Internet Protocol phone in US and Europe. It provides colored screen, multiline system, tracking system functions with lower cost while comparing to the traditional landline telephone and regular VOIP phone. It uses SIP network connections cross the internet. My role in this project include:

- Designed, developed, and maintained communication protocol and call control software for next generation IP voice/video telephony systems using C++ and Wireshark on Linux platform. Participated in full software development life cycle, from software specifications to design, coding, unit and integration testing. Worked closely with various teams to develop new or customized features, diagnosing and fixing customer reported bugs.

IT SUPPORT / PHP DEVELOPER | BestFit International Inc | City of Industry, Ca [Jan. 2014 – Oct. 2014]

Bestfit internal operation system is an Enterprise collaboration system that designed for internal employees. It includes the core business flow such as design, manufacture, sell and ship. My role in this project include:

- Added PHP functions on the internal enterprise web application, modified JavaScript function and debugged programs.
- Replaced Java programs with JavaScript (XY-graph), Drew graphics using Python library.

Military Experience

GENERATOR MECHANIC (Honorable Discharge) | US Army | 1-1 Aviation Repair Base, Fort Riley, KS [2008 – 2012]

- Deployed to Iraq for 12 months in support of Operation Iraqi Freedom, performed troubleshooting on light vehicles/generator problems and replaced parts. Supervised six people, providing motivation and accountability.

Education

BACHELORS OF SCIENCE: COMPUTER SCIENCE | GPA: 3.47/4.0 | Kansas State University, Manhattan, KS [2014]

- Awards: Memorial Scholar, Kendell Aileen Memorial Scholar, Leonard E Fuller Scholar, S. Thomas Parker Scholar
- Competitions: ASABE Robotic (1st), S. Thomas Parker Mathematical (1st), Local ACM programming (2nd), Garmin programming (4th)

PROGRAMING FOUNDATION WITH JAVASCRIPT, HTML AND CSS (With Honors) | Duke University on Coursera [2017]