

James Fu

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Education

University of California, San Diego

EXPECTED GRADUATION: JUNE 2018

B.S. in Computer Science

La Jolla, CA

Sept. 2014 - PRESENT

Experience

Amazon

SOFTWARE DEVELOPMENT ENGINEERING INTERN

- Incoming intern on the Amazon Web Services IoT team

Seattle, WA

Sept. 2017 - Dec. 2017

Visa Inc.

SOFTWARE ENGINEERING INTERN

- Created a full stack web application that developers could use to create and customize their own APIs and endpoints.
- Allowed developers to either create an API from scratch, or import one using a Swagger file.
- Developed the front-end using React.JS powered by a node.js back-end engine, storing and fetching data from a MongoDB.
- Added additional functionalities such as a Swagger file parser/editor, proxy service, and customized AJAX requests and responses.

Foster City, CA

Jun. 2017 - Sept. 2017

Universitas 21

SOFTWARE ENGINEERING INTERN

- Assigned to create an iOS/Android app for the Universitas 21 ISAP Program.
- Used Java for the Android application and Objective-C for the iOS application and linked them both to a Google Firebase database.
- Both applications were published on the Google Play Store and the iOS App Store.

Shanghai, China

Jun. 2016 - Sep. 2016

Mission San Jose Volleyball Team

WEBMASTER

- Used HTML/CSS to create the womens' volleyball team website and incorporated pictures, stats, and team info.
- Went to games and updated the website weekly to provide up to date information.

Fremont, CA

Sept. 2012 - Jun. 2014

Santa Clara University

DATA ANALYTICS INTERN

- Used Matlab to analyze and graph data and trends as well as develop algorithms to describe chemical lysis of E. coli cells.

Santa Clara, CA

Jun. 2013 - Sept. 2013

Projects

ISAP (International Summer Academy of Pharmacy)

JAVA, OBJECTIVE-C, GOOGLE FIREBASE, XCODE, ANDROID STUDIO

- Created an iOS and Android application used as a student aid for the participants of the ISAP program.
- Students of the program can access their schedule, get directions, complete homework, as well as view previous years' media.
- Currently it is used by 150 students and will increase by 300% next year.

July 2016

Couple Tones

JAVA, GOOGLE FIREBASE, GOOGLE MAPS API, ANDROID STUDIO

- Allows pairing of two individuals to let them set favorite locations and notify each other of arrival and departure from set locations.
- Saves login info and favorites into Google Firebase for retrieval by the user as well as the partner.

May 2016

2048

JAVA, JAVA FX, JUNIT

- Developed a fully functional GUI using Java FX, as well as a Java back-end that was tested with JUnit

December 2014

Skills

Programming Languages

JAVA, C, C++, Objective-C, NodeJS, ReactJS, HTML, CSS, Shell

Technologies/Techniques

MongoDB, Agile, Scrum, Git, JIRA, JUnit, Android Studio, Xcode, Swagger, REST API

Spoken Languages

English, Chinese