James L. Fu

41523 Fordham Court, Fremont CA 94539

☎ (510) 378-5048 | ✉ jameslfu7@gmail.com | 🏠 www.jameslfu.com | in jameslfu

Education

University of California, San Diego   *La Jolla, CA*

Expected Graduation: June 2018   *Sept. 2014 - PRESENT*

B.S. in Computer Science

Experience

Amazon   *Seattle, WA*

Software Development Engineering Intern   *Sept. 2017 - Dec. 2017*

- Incoming intern on the Amazon Web Services IoT team

Visa   *Foster City, CA*

Software Engineering Intern   *Jun. 2017 - Sept. 2017*

- 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.

Universitas 21   *Shanghai, China*

Software Engineering Intern   *Jun. 2016 - Sep. 2016*

- Developed iOS and Android applications 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.
- Published both applications on the Google Play Store and the iOS App Store.

Mission San Jose Volleyball Team   *Fremont, CA*

Webmaster   *Sept. 2012 - Jun. 2014*

- 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.

Santa Clara University   *Santa Clara, CA*

Data Analytics Intern   *Jun. 2013 - Sept. 2013*

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

Projects

ISAP (International Summer Academy of Pharmacy)   *July 2016*

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.

Couple Tones   *May 2016*

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.

2048   *December 2014*

Java, JavaFX, JUnit

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

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