

Zain Budhwani

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EDUCATION

University of California, Davis

Bachelor of Science in Computer Science

Davis, California

September 2014 – December 2017

Relevant Languages: C++, C, MATLAB, Java, XML

Tools and Methodologies: Eclipse, Git, Android Studio, Unix, Logisim

Activities: Professional Development Chair of the Davis Computer Science Club

ITREB Volunteer Team Leader

Graphic Designer for Davis Roots

WORK EXPERIENCE

Tech Suite: NYC-based Firm providing consulting services for businesses

New Haven, New York

Product Manager Intern

September 2016 – present

- Working closely with clients, project managers and developers by receiving features and estimates
- Drafting proposals for clients by giving a detailed description of possible features and an accurate timeline
- Responsible for other tasks such as researching the market for potential products, and choosing method of development
- View competitor's products and discussed with team members on how to make such ideas better and more efficient for our user base
- Reported daily tasks and updates with the team manager through various Google Hangouts and Sheets

JAPA: Startup providing solutions to parking, traffic, and other transportation issues

Davis, California

Co-founder/Software Engineer

September 2016 – present

- Working with other engineers to create an accurate timeline and expected features of the product
- Designing User Interface of the mobile application in Android using Java and XML in Android Studio
- Helping team members establish other features of the application using Google Maps API
- Performing efficiently in an Agile Software Development Model by communicating with team members efficiently through daily meetings and Github

UC Davis Research Assistant

Davis, California

Research under Professor Zhaojan Bai

October 2016 – present

- Working closely with the Professor through weekly meetings in which progress of our projects was discussed
- Responsible for performing assigned tasks on the project as well as expected personal studying in order to have a better grasp on new topics
- Using MATLAB in order to perform calculations more efficiently as well as plot difficult functions from graph theory to have a better understanding

PROJECTS

Life Saver: Application developed as a mobile version of LifeAlert

Davis, California

Android Mobile Application

May 2016

- Worked in a group to develop an Android mobile application that uses API's such as Twilio and Android GPS in order to communicate effectively with the user
- Actively communicated with group members to meet deadlines, as well as used GitHub in order to share files and organize effectively
- Responsible for implementation of visual prototype for user interface, created a prototype using XML in Android Studio

Disk Drive Rearrangement: Application that rearranges the disk drive based off a File Allocation Table

Davis, California

Unix Programming in C++

December 2015 – January 2016

- Used GitHub to share large amounts of files with group members and was involved in daily meetings to keep steady progress
- Written in C++, implemented many hash functions and hash tables in order to store data in an effective, organized manner

Additional Activities: Basketball, Piano(Fremont Mission Music Institute), Weightlifting, Singing