

Tyler Wong

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Objective

To obtain an full-time position for the summer of 2017 in order to apply my knowledge of software development practices.

Education

California Polytechnic State University San Luis Obispo

Major - Software Engineering
Degree - Bachelor of Science

Major GPA - 3.02
Expected Graduation - June 2017

Relevant Coursework

Data Structures and Algorithms
Individual Software Design and Development
Systems Programming
Computer Organization/Architecture
Introduction to Databases
Graph Theory

Software Engineering I & II
Design and Analysis of Algorithms
User-Centered Interface Design and Development
Software Requirements Engineering (*In Progress*)
Mobile Application Development (*In Progress*)
Introduction to Computer Networks (*In Progress*)

Skills

Languages

Java, C, JavaScript, Python, Swift

Other

MySQL, XML, Git, MVC, HTML, CSS, LaTeX

Projects

Pokébase

Apr – Aug 2016

Developed an Android application that utilized Google's Endpoints API architecture, App Engine and Cloud SQL services allowing users to query information about all 721 Pokémon and create teams of up to six Pokémon. Recently converted to a localized SQLite database with additional information.

Who Done Did It?

Oct – Dec 2015

As the lead UI designer and front-end engineer, implemented a Java Swing GUI using an MVC architecture for an online multiplayer game based on the card game *Clue*. Completed as part of a team project with six others to facilitate understanding of Software Engineering practices.

Lempel-Ziv-Welch (LZW) Decompressor

Jan 2015

Implemented a universal lossless data decompressor in C, which involved keeping a dictionary of codes to minimize memory allocation during decompression.

Employment

Tennis Warehouse - Customer Service Representative

June – Sep 2015

Strung tennis racquets and answered customer calls regarding purchased products, or specifications on tennis racquets, strings, and other related equipment.

Volunteer Work

EPIC Movement - Community Group Leader

Sep 2015 – June 2016

Mentored a group of Freshmen students while creating an open environment to grow and build relationships with one another through interactive small group discussions and activities.