Tyler Wong

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Objective

To obtain an internship for the upcoming school year in order to sharpen my knowledge of software development practices.

Education

California Polytechnic State University San Luis Obispo

Major: Software Engineering
Degree: Bachelor of Science
Expected Graduation: *June 2017*

Relevant Coursework

Data Structures and Algorithms
Individual Software Design and Development
Systems Programming
Computer Organization/Architecture

Introduction to Databases
Software Engineering I & II
Design and Analysis of Algorithms
User-Centered Interface Design and Development

Skills

Languages

Proficient: Java, C
Novice: Javascript, Python

Other

MySQL, HTML, CSS, XML

Applications

Microsoft Office
IntelliJ
Sketch
Android Studio
MySQL Workbench

Projects

Pokébase

Apr – Aug 2016
Developed an Android application that utilized Google's Endpoints API architecture, App Engine and Cloud SQL services. Users can query information about all 721 Pokémon and create teams of up to six Pokémon. Recently converted to a localized SQLite database.

Who Done Did It?

Oct – Dec 2015
As the lead UI designer, implemented backend modules and a Java Swing GUI using a Model-View-Controller architecture for an online multiplayer game based on the card game *Clue* with 6 others.

Lempel-Ziv-Welch (LZW) Decompressor

Jan 2015
Programmed a universal lossless data decompressor using 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.