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SUMMARY

More than 5 years of programming and application development experience. Making of efficient and user friendly application. Testing and debugging projects to maximize usability and reliability. Passionate worker that wants to learn and great in group environments.

EDUCATION

CALIFORNIA POLYTECHNIC UNIVERSITY, POMONA   2010 - Dec 2015

Pomona, CA

- B.S. Computer Science - (3.2 GPA)
- Minor in mathematics

COMPUTER SKILLS / RELATED COURSES

Languages
- Java, C++
- Familiar with: C#, Python, JavaScript

Software
- Familiar with Putty for – Pico, Vim, Emacs
- Github, GitShell, and etc.
- Eclipse, Net Beans
- Platforms: Microsoft Windows XP to 8, Linux

Related Courses
- 4 courses of Java- cs140, cs141, cs240, cs241
- Data Structures and Algorithms I/II - cs240, cs241

- Discrete Structures - cs130
- Statistics - mat 309
- Basic set theory and logic – mat 310
- C++ Programming - cs256
- MIPs Assembly Programming - cs264
- Design and Analysis of Algorithms - cs311
- Numerical Methods - cs301
- Object Oriented Design & Programming - cs356
- Linear Programming/ Operations Research - mat 380
- Mathematical Programming - mat 480
- Database Systems - cs435
- Operating Systems - cs431
- Software Engineering - cs480

EXPERIENCE

Programming Projects   2010-present
School Projects
- Form builder - I was in charge of designing and implementing a JavaScript API for a MySQL database connectivity web tool (Parse.com) in a team of three for cs480 for the whole class to be able to use our database.
- Mini Twitter - Designed and implemented using programming patterns like singletons and visitors to make a high level well-organized program using Java for cs356.
- Spy game - I help write a simple Spy game using Java. This projected helped us learn how to work as a team to define classes and create objects to work together to make a console game which we also implemented a GUI version of it. We created Java Docs for the project, and I provided a html page for instructions/introduction for cs141.
- Calculator - Learned, designed and implemented my first graphical interface Calculator with a custom design. I made it look very modern and sharp using Swing (Java) for cs245.
- RPN - Implement my own Singly LinkedList, Stack, and Deque to make a Reverse Polish Notation calculator to achieve optimal calculations using Java for cs240.
- Pizza Shop - Implemented my own Hash table that simulated a data structure for order, status, list of orders, and delivery to achieve optimal customer satisfaction using Java for cs240.
- As a senior project we created a small Android App that worked with Estimote Beacons. We created a database that stored different information for the different beacons we had. So as soon as someone walked by a particular beacon a website/message/forum would pop up on their Smartphone via the app.

Personal project outside of school.   2009-Present
- Made a version of John Conway's game of life using Java.
- Attempted a startup with a couple of friends called **Team GlobeStar**. I worked on the development of a user-friendly professional website globestar.me. I had to designed and implemented quality assurance tools for the website including customer feedback forms and comments using JavaScript, HTML, and CSS.