Eric Ong

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Career Target: Software Developer / Software Engineer

EDUCATION ---

San Jose State University   **Degree**: B. S. Computer Science
                                       Completion: May 2015

Related Coursework
- Operating Systems, Computer Architecture, Computer Graphics
- Object-Oriented Design, Data Structures & Algorithms
- Database Management Systems, Information Security

Udacity (Online)
Related Coursework
- Interactive 3D Graphics, Intro to JQuery

EXPERIENCE --

Cisco Software Engineer III (Contract)   2016 – 2016   (3 Months)
- Dockerized the components of the Virtual Topology System into more manageable service containers.
- Setup onboarding process in the form of guides to: setting up development environment, build process walkthrough, troubleshooting, and mapping of repository files to purpose.

IBM Software Development Intern   2013 – 2015   (22 Months)
- Developed the Database Conversion Workbench (DCW) converting Oracle SQL files to DB2 z/OS using XML and Java.
- Identified new requirements and recommended course of action that improved code clarity, workflow, and enabled development for more complex conversion rules.
- Researched Oracle and DB2 z/OS syntax and functionality to determine equivalency.
- Debugged with Junit to ensure consistent results and validity on DB2.
- Created environment setup documents and development guides.

PROJECTS ---

Website: Course Searching and Comparison   2014 – 2014   (4 Months)
A hub for marketing courses by simplifying course comparisons and decisions for users; and reviews for course providers.
Tools: MySQL, Apache Tomcat, Java, JSP, HTML, CSS, Gantt Project, Apache Ant, NetBeans

Web Application: City Generator   2014 – 2014   (2 Months)
A bare bones application for creating randomized simple 3D cities.
Tools: Three.js, Dat.GUI.js, Brackets

TECHNOLOGIES --
- Java, JSP, HTML, CSS, JavaScript, jQuery, WebGL, Python
- Eclipse, NetBeans, Visual Studios, Blender, Brackets, Android Studios
- Apache Tomcat, SQL, MySQL, GitHub, Docker, VirtualBox