

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)

Dec. 2015 – 29 Feb. 2016 (3 Months)

- Dockerized and troubleshoot 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

Mar. 2013 – 1 Jan. 2016 (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 proof of concept 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

Languages Java, JSP, C#, HTML, CSS, JavaScript, jQuery, AngularJS, WebGL, Python, XML

IDEs Eclipse, NetBeans, IntelliJ, Visual Studios, Blender, Brackets, Android Studios

Tools Apache Tomcat, SQL, MySQL, NodeJS, Junit, GitHub, Docker, VirtualBox