Eric Ong

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Career Target: Software Engineer

EDUCATION

San Jose State University   **Degree:** B. S. Computer Science
                                  Completed: Aug. 2010 - May 2015

Related Coursework

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

EXPERIENCE

IBM Software Development Intern   2013 - 2015

- 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

Android App: Whiteboard   June 2015 – July 2015
Description: A lightweight drawing board app that enables scrolling so that small screen devices have more room to draw.
Tools: Android Studios, Java

Web Application: City Generator   Apr. 2015 – Apr. 2015
Description: A bare bones application for creating randomized simple 3D cities.
Tools: Three.js, Dat.GUI.js, Brackets

Website: Course Searching and Comparison   Oct. 2014 – Dec. 2014
Description: Utilizing various technologies to communicate front-end to back-end, created a hub for marketing courses by simplifying course comparisons decisions for users.
Tools: MySQL, Apache Tomcat, Java, JSP, HTML, CSS, Gantt Project, Apache Ant, NetBeans

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TECHNOLOGIES

Languages	Java, JSP, SQL, HTML, CSS, PHP, JavaScript, jQuery, C++, Python, XML, WebGL, Qt, three.js, dat.GUI.js
IDEs	Android Studios, Brackets, Eclipse, NetBeans, Visual Studios
Tools	Apache Tomcat, Blender, Gantt Project, GitHub, MySQL, XAMPP