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
 Purpose: Define a small-scale solo project to gain experience developing for android and familiarity with Android Studio.
 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
 Purpose: Gain experience with three.js and procedural modeling.
 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
 Purpose: Utilize various technologies to communicate front-end to back-end.
 Description: 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

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TECHNOLOGIES

- Java, JSP, HTML, CSS, PHP, JavaScript, jQuery, WebGL, C++,
- Python, Qt, Eclipse, NetBeans, Visual Studios, Blender, Brackets,
- Android Studios, Apache Tomcat, SQL, MySQL, GitHub, XAMPP