

Jorge Peradilla Mendoza

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Objective

To obtain an entry level Software Engineer position.

Education

- **California Polytechnic State University** San Luis Obispo, CA
Bachelor of Science in Computer Science September 2009 - expected December 2013
 - Related courses taken: Graphics, Artificial Intelligence, Interactive Design, Programming Languages, Design and Analysis of Algorithms, Databases, Software Engineering, Discrete Math, Technical Writing, Business and Professional Communication

Work Experience

- **Cal Poly Institute for Advanced Technology and Public Policy** San Luis Obispo, CA
User Interface Developer Summer 2013
 - Developed new frontend and backend features on top of existing codebase
 - Created new features using one week agile iterations

Skills

Proficient: Java, JavaScript, C , CSS, HTML, SQL, Git, Mercurial, Vim, Eclipse, Microsoft Visual Studio, Bash

Familiar: C Sharp , C++, JDBC, PHP, Scala, XML, Enchant.js, Node.js, OpenGL, Play Framework, L^AT_EX, Subversion

Technical Projects

- **Transparent Legislature Project**
User Interface Developer Summer 2013
 - The project provides transparency in the California government by hosting a database of information about all meetings held, allowing citizens to remotely access their transcripts/recordings easily.
- **Robotic Follower**
Lead Kinect Programmer September 2012 - March 2012
 - The project created a robot that follows a person using the Microsoft's Kinect in conjunction with a Xiphos Board implementing various Artificial Intelligence techniques.
- **Elementary Wizardy**
Lead Programmer April 2012 - June 2012
 - The project created a shooting gallery type video game around Microsoft's Kinect hardware which involved creating gestures to shoot projectiles.
- **Happy Cabbage Adventure**
Level Designer January 2012 - June 2012
 - The project is a 2.5D platforming video game written in C++ using OpenGL with gameplay mechanics similar to popular video games like Super Mario and MegaMan games.

Leadership

- **Cal Poly Association for Computing Machinery**
Web Master, Officer August 2012 - June 2013
- **Pilipino Cultural Exchange**
Computer Science Mentor September 2012 - Current