MARK ESCOBEDO

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Versatile, passionate and experimental individual who finds creative solutions to difficult problems. Focus on code optimization and a standard of excellence for all work.

SKILLS:

Java	PHP	HTML5	C#	Javascript	MySQL
Scrum	Python	REST API	XNA Framework	Microsoft Visual Studio	C++
C	Unix	Eclipse IDE	Git	SVN	Xcode
Photoshop	CSS	Objective-C	NetBeans	Scalable Systems	Blender

NOTABLE ACCOMPLISHMENTS:

- *2012 UCSC Sammy Awards:* **Design Innovation Award** for "Firewall".
  - Runner up for Grand Prize. Nominated for Technical Achievement Award and the Audio Award
  - Responsible for programming weapons and other gameplay logic. Designed and implemented all particle effects, and programmed the 2D collision detection system for this 2D top down action strategy game http://www.firewallgame.com
- *2007 FIRST Robotics Vex League:* **National Champion**
  - Worked with a team to design, build, and implement a robot using the VEX Educational Robotics Design System. Focused primarily on design and building, with some programming.

EDUCATION:

University of California - Santa Cruz   1156 High St. Santa Cruz, CA, 95060
BS Computer Science: Computer Game Design   June 2012

High Tech High International   2855 Farragut Rd. San Diego, CA, 92106
High School Diploma   June 2008

WORK EXPERIENCE:

Santa Clara County Water District   **Contractor**   **Morgan Hill, CA** *Feb. 2014 – April 2014*
Responsibilities:
- Hired to create a game using HTML5 that will engage students countywide and teach them to be conscious of trash going down storm drains
- Worked on the entirety of the game, art, and sound effects

Dragon Research and Engineering   **Junior Engineer**   **San Diego, CA** *July 2013 - Sept. 2013*
Responsibilities:
- Military contract work, working server-side on a rapid information reporting system
- Fixing bugs and implementing feature requests, working with Java and Javascript

Disney Mobile   **Back-end Intern**   **Palo Alto, CA** *July 2012 - May2013*
Responsibilities:
- Leading development on a high traffic server to process customer acquisition requests using HTTP
- Working with advertising partners to implement their REST API requests, implemented with Java