MANUEL SANCHEZ MUNOZ
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OBJECTIVE: To expand my knowledge and gain work experience in the Software Engineering field.

EDUCATION: B.S, Computer Science, University of California Riverside June 2015
GPA : 3.2

SKILLS: C/C++, Javascript, HTML5, Bash, Arduino, AVR, Linux, Android, Xilinx

PROJECTS:

Multiplayer Drawing Game August 2013

- Web application in which multiple users can draw together on the same page in real time
- Implemented web server using node.js and the express module.
- Used socket.io to update and display all user activity on page in real time.
- Drawings are powered by HTML5 canvas framework, paper.js
- Site tested using an Amazon EC2 instance and heroku.

COURSE PROJECTS:

Introduction to Embedded Systems, UC Riverside April 2013 – June 2013

Tetris

- Written in embedded C using Atmel AVR Studio.
- Utilized many common electronic components (wrote own software to control them) and wrote the game logic.

Software Construction, UC Riverside April 2013 – June 2013

Shell clone

- Program which imitates a standard shell on Linux
- Features include the ability to run commands, piping and io redirection, and signal handlers
- Implemented using POSIX C functions such as execv, dup2, and sigaction

Software Construction, UC Riverside April 2013 – June 2013

File Transfer Protocol (FTP) server/client

- Simplified "FTP" style program in which a user running the client code, requests a set of files and directories from a user running the server code, and receives the requested data.
- Featured concurrent server utilizing POSIX sockets and pthreads.

WORK EXPERIENCE:

Target July 2013 – September 2013

Electronics

- Provided information about a multitude of electronics (computers, TVs, printers, etc..) to a wide array of people.
- Worked in a fast paced environment with an excellent team.
- Multiple recognitions for being a team player and even got the opportunity to train a fellow team member although I was there for only a summer.

Hammer Sheet Metal July 2012 – September 2012

Desktop Support

- Responsible for maintaining 3 startup company computers.
- Jobs included installing software, upgrading hardware, troubleshooting, etc.
- Also helped create the company's first website and helped sell product by listing them in local classifieds.