Scott M. Carlson

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Summary

Talented Engineer with a track record of delivering. Skilled in programming and circuit design/troubleshooting. Gives management working systems in order to improve yield and their bottom line.

C++•C•Java•Android•ASP.NET•Ruby on Rails

Achievements

•Got various devices to work for a demo of the C2M website, which allowed companies to sign up to be featured on the site.

•Made a Bluetooth OBDII reader app, which allowed testing of a TCP server, which allowed for more connectivity for the C2M website.

Professional Experience

Plasma Computing Group Inc.   **Dallas, TX**   **2012-2014**

(A Website Development Company located in Dallas)

Software/Embedded Engineer

•Developed testbeds for the C2M website, using Arduino, Raspberry Pi, Sensor tag, and the like to test and demo functionality of the site. This allowed demonstrations, and allowed companies to see and sign up for C2M.

•Added Content to the site, such as authentication keys, to allow communication with other sites and devices, allowing users to see a sandbox of API's.

•Configured Xirgo devices to talk to vehicles, allowing branching into fleet management.

- Played with Javascript, XML, and JSON to compare and test API sandbox response, allowing website to run properly.

Circuitco   **Richardson, TX**   **2011-2012**

(PCB assembly company in Richardson)

Test Engineer

- Tested various PCB boards (Pandaboard, Beagleboard, Pump control boards), allowing higher yield.

- Troubleshot PCB boards to the component level, allowing higher yield.

- Helped develop a battery board for the beagle bone board

Education

B.S.-Electrical Engineering-UT Dallas-Richardson, TX-May 2011 **GPA 3.4**

Academic Projects

- Blood sensor

- Banknote Velocity measurement

- Elevator controller state machine

- FIR filter

- restaurant simulation

Volunteering

- Habitat for Humanity - 2016