Douglas Concors

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Personal Profile

I am an embedded software engineer

Employment History

Jan 2014 - Present Vulcan Wireless INC, 2218 Faraday Ave #110, Carlsbad, CA 92084
Embedded Software Engineer

Wrote linux drivers for interfacing with custom IP cores in FPGA, configured build scripts to generate boot images for radio hardware.

Technologies: Xilinx Vivado, Xilinx SDK, GNU MAKE, Python, C, Bash, VHDL

Mar 2013 - Jan 2014 Staples INC
Easytech Associate

Sold and repaired electronic devices, interfaced with customers.

Hobbies and Personal Projects

FPGA Synthesizer quad channel audio synthesizer controlled via SPI implemented in VHDL.
Demoscene projects Various video rendering demonstrations using a low power 16-bit microcontroller.

Education

BS Computer Science (2016) - California State University at San Marcos

Software Engineering Skills

- **Programming Languages**

  C - Microcontrollers (MSP430,AVR),Linux drivers, threading, and networking
  VHDL
  Python - PySerial,Sockets

- **Miscellaneous**

  git - source version control
  Soldering - can solder 0804 SMT and QFP
  Microsoft Office - Word, Excel, etc