

Travis Ray

Engineer, Product Designer, and Developer.

Sweetwater, TX

-Email me on Indeed: <http://www.indeed.com/r/Travis-Ray/c1f51882d9ca626a>

From sensors to actuators, analog circuits to embedded microcontrollers or full PC's and operating systems, I have a long and varied experience and a passion for technology.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Project Engineer

Ludlum Measurement Inc - Sweetwater, TX

May 2013 to Present

Primary functions: product designer, PCB/PCBA design, firmware, documentation, manuals, procedures, management. Brought 6 radiation detection instruments to market from specs to design to end user support. Firmware and circuit design on another 10 instruments. Experience ranges from low power embedded devices to Linux powered computers.

Adjunct Instructor

Vista College

September 2011 to August 2012

Graduate Research

Texas Tech University - Texas, US

September 2009 to May 2012

Undergraduate Research Assistant

Texas Tech University - Texas, US

September 2008 to March 2009

Designed, built, and tested pulsed power devices

Mentor for FIRST

Texas Tech University - Texas, US

September 2007 to September 2008

- GEAR, and BEST Robotics Programs
- Taught LEGO Robotics summer camps
- Worked with students in designing and building competition robot

Education

B.S. in Electrical Engineering

Texas Tech University - Lubbock, TX

August 2009

Skills

- Python (6 years)
- Project management (8 years)
- Embedded software (10+ years)
- Mechanical knowledge (10+ years)
- Electrical engineering (10+ years)
- REST
- SQL (3 years)
- Linux (10+ years)
- PCB (10+ years)
- Autodesk Inventor (6 years)
- C (10+ years)
- C++ (10+ years)
- Robotics (5 years)
- LabView (5 years)
- Autodesk Inventor (5 years)
- Altium (8 years)
- Product development (8 years)
- Quality management
- System design (8 years)
- Debugging (10+ years)
- High voltage (10+ years)
- Low voltage (10+ years)
- Analog (10+ years)
- Digital (10+ years)
- Leadership
- MATLAB
- Data analysis skills
- Signal processing
- Systems engineering

Links

<https://bit.ly/3kALpdQ>

<https://bit.ly/3kvygT2>