

Daniel Wu

3223 Lemmon Avenue, Apt. 2143

daniel@danielwu.us | (315) 559-7813 | <http://danielwu.us>

Professional Experience

Texas Instruments

Product/Test Engineering Rotation Program

August 2017 - Present | Dallas, TX

- I am currently on my first rotation, working in the Analog Motor Drivers team as a product engineer. In August 2018, I will rotate to another group/function within TI for twelve months.

Vicor Corporation

Applications Engineering Co-op

January 2016 - August 2016

- Worked with applications engineering on Vicor's PRM/VTM system for DC-DC conversion to provide power for CPUs on server boards.
- Main responsibilities included testing, debugging circuit boards, and improving the performance of the control loop for the system.

Welch Allyn

Vital Signs Co-op

May 2014 - December 2014

- Supported the design, development, and testing of a web-based solution for loading configurations into vital signs devices.
- Collaborated with hardware, software, web development, marketing, and user interface teams to support the release of a new vital signs device.

ITT Corporation

Electrical Engineering Co-op

June 2013 - August 2013

- Developed a web-based condition monitoring interface to report operating conditions of centrifugal pumps.
- Used accelerometer data and Fourier transforms to perform vibration analysis for preventative maintenance.

Education

Rochester Institute of Technology, Rochester, NY

- BS Electrical Engineering, BS Economics, 2017
- Cumulative GPA: 3.89
- Received the RIT Outstanding Undergraduate Scholar Award in Spring 2016.

Skills

Software: Altera Quartus, Altium (basic), Automated Bench Software, Cadence Virtuoso, SPICE, MATLAB, Microsoft Office, SIMPLIS (basic), Visio

Programming: Assembly, C, HDLs (basic), HTML/CSS, MATLAB (basic), Python, XML

Hardware: Electronic Loads, FPGAs, Frequency Response Analyzers, Multimeters, Network Analyzers, Oscilloscopes, Power Supplies, Signal Generators, Soldering