

Kimberly Smelt

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Education

Florida Atlantic University

Bachelor of Science in Electrical Engineering

May 2018

GPA: 3.1/4.0

Relevant Courses: *Engineering Thermodynamics, Electromagnetic Fields and Waves, Electromagnetic Compatibility, Electronics 1&2 and Labs*

Palm Beach State College

Associate in Arts

August, 2014

GPA: 3.8/4.0

Math and Science Institute scholarship recipient (Summer 2014)

Technical Skills

Languages: TI Assembler, Matlab, C, C++

Software: MS Office, MS Visual Studio, Code Composer, Quartus, Energia, ADS, PSPICE, Eagle, Cura, LDK Circuit Pro

Hardware: Transistors, Logic Gates, Microprocessors, Breadboard/PCB circuit design, Through hole and surface mount soldering, Troubleshooting, Motors, Servos, Sensors

Equipment: Multimeters, Oscilloscopes, DC Power Supplies, Function Generators, 3D printers, Prototype Milling Machine

Professional Experience

Technical Support Staff | Electronic Parts and Services Lab | January 2016 to Present

Florida Atlantic University College of Engineering and Computer Science

Provide technical support to FAU faculty and students in the Department of Electrical and Computer Engineering and Computer Science. Areas of support include:

- ☐ Tools and Equipment: Troubleshoot and repair lab test equipment and tools. Provide design review for development/debugging of electronics, circuit design, printed circuit boards and 3D prints.
- ☐ Lab Training: Provide instruction in the operation and safety of test equipment, soldering, PCB milling, 3D printing and part fabrication.
- ☐ Operations: Assist in stock room management of electronic supplies, part selection and orders. Design and assemble special request equipment and materials for professors and students. Run prints of circuit boards and 3D files.

Academic Projects

Class AB Amplifier project | Electronics 1 | Summer 2016

Design, simulate and fabricate class AB amplifier, prototype and solder PCB for circuit, troubleshoot using lab equipment

Work Experience

Supplemental Instructor & Math Lab Tutor | Palm Beach State College | 2013 to 2015

Assistant Manager | Williams-Sonoma Inc. | 2005 to 2013

Manage a team of up to 20 sales and stockroom associates in a fast paced retail environment, organize annual inventory effort, opening and closing duties, full time from 2009 to 2013

Leadership and Competitions

IEEE Southeast Con Hardware Competition, March '17

IEEE Student Branch (Vice President '17, Treasurer '16)

Women in Engineering Mentor '16-'17