

Edward E. Engineering
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EDUCATION

Florida Atlantic University
Bachelor of Science in Electrical Engineering
GPA: 3.6/4.0

Boca Raton, FL
December 2023

RELEVANT COURSEWORK

Circuits I and II, Electronics I and II, Electronics Lab I and II, Control Systems, Electrical Machines, Renewable Energy, Electromagnetic Fields & Waves, Microwave Engineering, Senior Design

TECHNICAL SKILLS

Operating Systems: Windows, MacOS

Software: Microsoft Office (Word, Excel, PowerPoint, Project)

Programming: HTML, CSS, C/C++, Assembly, UNIX, Matlab, Visual Studio 10, Arduino IDE

CAD: OrCAD Capture 16.6, PSPICE, Labview, Advanced Design System (ADS), Eagle PCB Software, AutoCAD

Hardware/Tools: Soldering Iron, LAN/WAN, Arduino Micro controllers (Uno, Yun, Mega)

PROJECT EXPERIENCE

Solar Smart Room (*Senior Design, Spring 2020*)

Worked on a team of 4 students in constructing a living space unit complete with appliances that operate through a voice recognition system. The whole unit is powered by two 100-Watt solar panels.

WORK EXPERIENCE

Florida Power and Light Group

Dade Operations Distribution Intern

Juno Beach, FL
May 2019 – Present

- Propose and complete several FEC Railroad Crossing projects resulting in total investments of \$1.5 million
- Inspect and replace overloaded transformers and distribution poles as a proactive means of reducing power outages
- Perform reconductoring of primary and secondary conductors on feeders

Production Resource Center

Production Assistant

Miami, FL
June 2018 – February 2019

- Instructed and assisted faculty and students in use of Macintosh computers, desktop publishing and graphic software, and audio/video recording equipment
- Executed preventative maintenance and minor repairs on equipment resulting in longer average operating life by 8+ months
- Conducted calibration of equipment and systems at regular 2-week intervals to establish baseline operating standards

ACTIVITIES

Institute of Electrical and Electronics Engineers (IEEE), *Vice President*
FAU Surf Club, *Member*

May 2019 – Present
January 2018 – January 2019

LANGUAGES

Fluent in the written and oral communication of English and Russian