

# 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 20XX

## 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: Entry level familiarity with the following: 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)

## ACADEMIC PROJECTS

### **Solar Smart Room** (*Senior Design, Fall 2015*)

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.

### **Fire Protection Project** (*Construction Engineering, Spring 2014*)

Revised and drew AutoCAD drawings relating to fire extinguishers, pipelines, fire protection systems and fire pumps. Also created estimates for fire protection systems in apartment complexes

## EXPERIENCE

Florida Power and Light Group

Juno Beach, FL

### **Dade Operations Distribution Intern**

May 20XX – Present

- Proposed and completed several FEC Railroad Crossing projects resulting in total investments of \$1.5 million
- Inspected and replaced overloaded transformers and distribution poles as a proactive means of reducing power outages
- Performed reconductoring of primary and secondary conductors on feeders

Production Resource Center

Miami, FL

### **Production Assistant**

June 2014 – Feb 2015

- 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

## LANGUAGES

Fluent in the written and oral communication of English and Russian