

Huy Nguyen

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OBJECTIVE

Continue to develop personal & professional skills via internship in Electric Power Engineering.

EDUCATION

BS, Power Electrical and Electronic Engineering, CSU Sacramento, Graduating Fall 2017

Related Courses

Applied Electromagnetics	Electromechanic Conversion
Electromechanics	Network Analysis
Electric Power Distribution	Intro to Feedback Systems
Electric Power Design Project I	Signals & Systems
Electric Power Design Project II *	Power System Laboratory
Power System Relay Protection & Lab *	Power System Analysis
Power Electronics in Power Systems *	Energy System Control+Optimization

** In progress as of Fall 2017*

Senior Project

Conversion of a single-cycle steam combustion turbine to a fast-start combustion turbine with a battery storage for voltage and frequency support

PROJECT EXPERIENCE

Microstrip lines and PCB Fabrication

In this lab we design our own microstrip circuit. We start off with the design of the microstrip line, then we create a gerber file which is used to model the production of the microstrip circuit. We were given information for the PCB that is used in this lab for R04003C microstrip line.

TECHNICAL SKILLS AND ABILITIES

Programming:

C (PuTTY), C++ (Microsoft Visual Studio), Arduino IDE, Verilog VHDL (Quartus Design Suite)

Hardware:

Arduino UNO, DE0-Nano, Raspberry Pi, Digilent Analog Discovery, Oscilloscope, Function Generator, Digital Multimeter, EUS(Electric Utility System), EPP(Electric Power Plant)

Software Applications:

MATLAB, NI Multisim, Simulink, ADS(Advanced Design System), PSCAD

Extensive communication and interpersonal skills

Ability to work efficiently and manage time

Proven Analytical, Creativity, Critical Thinking and Problem solving

High Proficiency in Microsoft Office Programs (Word, Excel, Outlook, & etc.)

Talents: Quick-learner, good listener

Abilities: Observant, quick-thinking

International Travel Experience: Vietnam, Taiwan, & Japan

Trilingual: Fluent in English and Vietnamese with sufficient usage of Japanese

Mcdonalds
9/16 to present

Duties: *Maintain a fast speed of service, especially during rush times
*Take orders from customers and input their selections into the restaurant's computer systems
*Assemble orders on trays or in bags depending on the type of order
*Process large orders for events
*Clean station thoroughly before, during and after each shift
*Respond to guest questions, concerns and complaints and make sure they leave satisfied
*Follow all restaurant safety and security procedures
*Arrive on time for all shifts and stay until shift completion

ACCOMPLISHMENTS

Holds a Gold Initiative Certificate from CSUS EOP Leadership Program