

First Last Name

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PROFESSIONAL SUMMARY

University of Rhode Island Electrical Engineering 2020 graduate with engineering knowledge in systems, schematic and PCB design, power electronics and electronic design automation software. Effective communicator with an innate ability to think analytically, convey information with ease, and produce high quality products. Driven resource with a strong passion to learn and accomplish. Technical expertise includes Cadence Virtuoso, MatLab/Simulink, CircuitMaker PCB design tools, PSpice and LTSpice circuit simulation tools, C++, electronic test equipment and soldering. MS Office proficient. Passion for utilizing engineering abilities to embrace creativity and innovation.

EDUCATION

University of Rhode Island, Kingston, RI May 2020
● Bachelor of Science in Electrical Engineering
● Bachelor of Arts in Spanish

RELEVANT EXPERIENCE

Lenze Americas, Uxbridge, MA 2020
Assembly Operator

- Setup, maintain and process automated machinery for product packaging and testing purposes
- Calibrate and test products under high voltage testing conditions
- Follow technical instructions, interpret engineering blueprints and terminology
- Read and follow prints, assembly drawings, work instructions, and BOM's parts list in order to complete assembly
- Solder components to printed circuit boards

National Grid Energy Innovation Hub, Providence, RI 2019
Intern Ambassador

- Provided information to National Grid employees, customers, and guests about energy efficiency and sustainability involving innovative technologies
- Supplied and reviewed monthly reports regarding company statistics and future plans
- Coordinated events promoting internal and external company awareness
- Engaged strong social media presence to grow company's online presence
- Maintained and organized company documentation through the use of Microsoft Office programs

Senior Capstone Design 2018 - 2019
Power Signature Analysis for Fault Detection and Predictive Maintenance; Acumentrics Inc., Walpole, MA

- Studied concepts in AC circuits, power signature analysis, non-intrusive load monitoring and machine learning
- Calibrated integrated chip using AC programmable source and load equipment with LabView software
- Developed compact printed circuit boards using free electronic design automation software, CircuitMaker
- Compiled and ordered components that were assembled into product by soldering
- Debugged products by use of electronic test equipment and software
- Documented all product and project information, including schematics, data sheets, and calculations

PCB Design Project – URI Electrical Engineering Department 2019

- Utilized CircuitMaker to build a functional GPS printed circuit board through schematic wiring
- Ordered a bill of materials, where the board and components were soldered and reflowed to achieve functionality

Digital Design Project - - URI Electrical Engineering Department 2018

- Created a unique version of the classic Tron game using VHDL software language, FPGA's, RTL's and ASM on the Terasic DE1-SoC-MTL2 board.

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OTHER EXPERIENCE

YMCA, Pawtucket, RI 2015 - 2018
Summer Camp Counselor

- Planned, prepared, and implemented daily activities and educational curriculum that were developmentally appropriate, meeting the needs of all children
- Provided active supervision and alertness to a variety of situations
- Demonstrated appropriate decision making abilities

Dunkin', Kingston, RI 2015 - 2018
Crew Member

- Acknowledged the request and needs of customers in a polite, and timely manner
- Worked along other crew members to build synergy and an efficient work environment
- Adhered to all cleanliness, sanitation, and safety standards laid out by Dunkin Donuts

Ryan Center, Kingston, RI 2014 - 2015
Crew Member

- Provided excellent guest service while working in a very fast-paced environment
- Assessed inventory and assisted in preparing product orders as necessary
- Ensured all sanitation procedures were followed relating to all local licensing regulations

Yawgoog Scout Reservation, Rockville, RI 2014
Summer Camp Counselor

- Planned and supervised camper activities
- Ensured camper safety and monitor their activities
- Performed administrative tasks, such as filing and record keeping of camper forms and documents