Zachary Bicknell

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Objective

Seeking entry-level full-time position to apply skills in python and C++ for circuits.

Education

Texas A&M University, College Station, TX   Grad date: May 2022
Bachelor of Science Electrical Engineering
Cumulative GPR: 3.12

Northwest Vista College, San Antonio, TX   Jan 2016 – Aug 2018
Associate of Science Degree in Engineering
Cumulative GPR: 3.77

Skills

- Circuit Design
- Microsoft Office
- Leading Teams
- Multisim
- C++
- Python
- KiCad
- Troubleshooting Problems
- Technical Maintenance

Experience

NXP, Austin TX   Jun 2021 – Aug 2021
Etch Equipment Engineering Intern

- Reduced support equipment downtime and technician time by designing and implementing equipment remote functionality tester.
- Troubleshot and repaired multiple problems on etch equipment.
- Improved equipment operation by creating a new preventative maintenance procedure.

US Navy, Norfolk VA   Dec 2010 – Dec 2015
Nuclear Machinist Mate Surface Operator and Maintenance Specialist

- Thoroughly understsood reactor, electrical, and mechanical theory involved in the operation of the nuclear reactor, steam plant, propulsion plant, and auxiliary equipment.
- Performed removal, overhaul, testing, and reinstallation on over 100 steam plant pressure relief valves.

Relevant Courses

- Electronics 1 and 2
- Engineering with Python
- Analog Integrated Circuit Design
- Programming in C++