

Zachary Bicknell

1308 Broadmoor Dr.
Bryan, TX 77802

(830) 446-1188
zbicknell@tamu.edu

Objective Seeking assignment of Capstone Project.

Education

Texas A&M University , College Station, TX Bachelor of Science Electrical Engineering Cumulative GPR: 3.12	Grad date: May 2022
Northwest Vista College , San Antonio, TX Associate of Science Degree in Engineering Cumulative GPR: 3.77	Jan 2016 – Aug 2018

Skills

• Circuit Design	• Multisim	• Troubleshooting
• Soldering	• C++	Problems
• Microsoft Office	• Python	• Technical Maintenance
• Leading Teams	• KiCad	• Management of Complex Procedures

Experience

NXP , Austin TX Etch Equipment Engineering Intern	Jun 2021 – Aug 2021
<ul style="list-style-type: none">• Reduced support equipment downtime and technician time by designing and implementing equipment remote functionality tester.• Troubleshoot and repaired multiple problems on etch equipment.• Improved equipment operation by creating a new preventative maintenance procedure.	

US Navy , Norfolk VA Nuclear Machinist Mate Surface Operator and Maintenance Specialist	Dec 2010 – Dec 2015
<ul style="list-style-type: none">• Thoroughly understood 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.• Managed a team of 6 maintenance specialists in support of plant preventative maintenance system.• Maintained carbon steel inspection program, keeping records of hundreds of steam plant carbon steel piping technical schematics.	

Relevant

Courses

- Electronics 1 and 2
- Power Electronics
- Analog Integrated Circuit Design
- Programming in C++