

# EUNICE KITTS

**OBJECTIVE** Current student at San Diego State University, interested in Electrical Engineer internship opportunity.

Active Security Clearance. Navy Veteran.

Technical professional skilled in troubleshooting, repair and providing preventive maintenance on advanced electrical and mechanical systems of Navy ships, submarines, and service craft.

## RELATED EXPERIENCE

### POWER SUPPLY

Conducted a comprehensive triple power supply experiment aimed at gaining insights into voltage regulation and the application of capacitor filters to ensure consistent DC output voltage.

### DIODE AND RECTIFIER

Leveraged LT Spice to skillfully integrate various microelectronic components, resulting in the cost-effective construction of an efficient rectifier circuit.

### INVERTING AMPLIFIER

Demonstrated proficiency in utilizing LT Spice to successfully design and implement an inverting amplifier circuit.

### AIRCRAFT TRANSCEIVER

Developed a MATLAB script to initialize matrices and solve complex matrix equations representing unknown mesh currents and voltages. Calculated impedance-based power dissipation for 1V input shunt voltages.

## SKILLS

LT Spice, MATLAB, Solid Works  
Programming Languages C, C++, Python, Assembly, AWS/Machine Learning, IT Essentials  
Soldering, Embedded Systems, Navy Motor Rewind, Navy Cable Fabrication  
OSHA-10, Lean Process Improvement

## WORK HISTORY

### UNDERGRADUATE PAID RESEARCH ASSISTANT, SAN DIEGO STATE UNIVERSITY

January 2021 – May 2021

### MARINE ELECTRICIAN / HARBOR TUG CHIEF ENGINEER, UNITED STATES NAVY

June 2012 – August 2024

## EDUCATION

### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, SAN DIEGO, STATE UNIVERSITY, 2024

GPA 2.95

### CERTIFICATION IN HARBOR TUG CHIEF ENGINEER, NAVAL BASE JAPAN, 2018

YT-class commercial tugboats