Emerald Valadez

Chesapeake, VA, United States, 23321

emeraldnicole96@gmail.com

682-472-5062

Active Secret Clearance

Creative and dependable Cyber Security student with a superb work ethic and a strong foundation in various computer languages. Actively pursuing certifications to further enhance my skills and knowledge. Known for my eagerness to learn and commitment to excellence. I am seeking opportunities to demonstrate my dedication and passion for cybersecurity.

Education

Computer Science & Cyber Security January 2022 - July 2024
Tidewater Community College at Chesapeake, Va

Deans List

General Studies January 2021 - January 2023
Tidewater Community College at Chesapeake. VA

Deans List

Experience

Gas Turbine Systems Technician- Electrical

United States Navy, Reserves   *July 2015 - Present*

- Operate, Maintain, and service Four (4) Gas Turbine Engines (GE LM2500) and Three (3) Gas Turbine Generators (Rolls-Royce Allison 501 K17).
- Monitor power generation and maintain data log for Electric Plant (Switchboards, Load Centers and Gas Turbine Generators) locally and remotely from Control Station (Electric Plant Control Console- EPCC).
- Shift from Ship power to Shore power and vice versa. Parallel Gas Turbine Generators into the electrical distribution and remove load from the electrical distribution in accordance with operating procedures.
- Monitor and maintain data log for Main Propulsion Plant (Gas Turbine Engines, Main Reduction Gear, Lube Oil purifiers, Controllable/Reversible Pitch (CRP), Seawater pumps, Lube oil and Fuel pumps) locally and remotely from Control Station (Propulsion Auxiliaries Control Console-PACC).

Projects

Personal Website

Created a website dedicated to my parents using NGINX and HTML/CSS hosted on Oracle OCI. Registered a domain through Namecheap then transferred domain to Cloudflare. Set up Cloudflare as the primary DNS provider.

Rock, Paper, Scissors

Game of Rock Paper Scissors using Javascript to play against the console. Created functions to randomly generate an output and keep the score of the players.

Etch-a-Sketch

Etch-a-Sketch toy using Javascript and HTML/CSS that uses a grid and hover effect to leave a pixelated trail as a pen would.

Calculator

On-screen calculator using Javascript, HTML, and CSS that will look and function as a real calculator. Contained functions for adding, subtracting, multiplying, and dividing.

Skills

- **C++ Python Java JavaScript HTML/CSS Linux**