**Statement**

Mechanically and electrically inclined professional with a strong foundation in propulsion system maintenance gained during active duty in the United States Navy. Experienced in directing personnel in the operation and upkeep of mechanical and electrical systems. Skilled in software engineering tools like Python, C#, and Java, with practical experience in CAD and PCB design. Currently pursuing a B.S. in Computer Science at the University of Maryland, seeking to leverage my technical skills and leadership in a mechanic or engineering technician role.

**Skills**

* Mechanical & Electrical System Maintenance
* Python, C#, Java
* Autodesk Inventor CAD
* EagleCAD (PCB Design)
* Bilingual: Fluent in English and Russian
* Troubleshooting & Diagnostics
* Leadership & Team Training
* Ladder Logic Programming and Troubleshooting
* PLC Programming

**Relevant Work**

* **Active Duty, United States Navy**  
  *April 2019 – November 2024*  
  **Control Systems Technician Engineering Department – USS America**
  + Maintained SECRET Clearance to execute duties
  + Maintenance and Leadership: Directed 13 personnel in maintaining propulsion systems, ensuring consistent readiness through organizing over 600 hours of technical and safety training. Resulted in a 100% readiness rating from a congressional inspection.
  + Project Management: Coordinated maintenance projects in-port, leading 168 personnel across multi-disciplinary teams to complete tasks on schedule, achieving a 100% success rate with no deployment delays.
  + Operations Management: Served as Engineering Officer of the Watch (EOOW), overseeing the safe operation of shipboard propulsion and auxiliary systems, managing 11 operators to ensure performance and safety standards were met.
  + Fuel Systems Oversight: Monitored and managed fuel transfer systems, successfully overseeing the distribution of 6,000,000 gallons of fuel onboard the USS America.

**Projects & Accomplishments**

* Variable Speed Drive Development: Designed and fabricated Variable Speed Drive components using CAD software and printed circuit board manufacturing for logic controllers.
* PCB Design: Developed and fabricated a printed circuit board using ATMega328 Chip for a custom-built keyboard.
* Facial Recognition Project: Created an attendance tracking system using facial recognition and camera integration with OpenCV and TensorFlow.

**Education**

University of Maryland - B.S. Computer Science – est. 2026

Surface Warfare Engineering School – 2020-2022