**Your Name**

150 W. University Blvd., Melbourne, FL 32901

Name@my.fit.edu

 321-555-1212

**Education**

**Florida Institute of Technology, Melbourne, FL** May 2021

Bachelor of Science Mechanical Engineering, GPA 3.58

**Graduate, Navy Nuclear Power School, Los Angeles, CA** Dec 2012

*Completed graduate level coursework in heat transfer, fluid flow characteristics, electrical theory, electrical equipment, metal composition, rust prevention, chemistry, and reactor theory. Completed intense, hands-on training involving the operation and maintenance of mechanical, electrical, and nuclear propulsion systems. Graduated with honors*

**Skills**

AutoCAD, PTC Creo, Open Rocket, SolidWorks, MATLAB, SIMULINK, ANSYS, Machine Tools, MS Office, Leadership, TQM, prior TOP SECRET (TS)/Sensitive Compartmented Information (SCI)

**Experience**

**Florida Institute of Technology, Melbourne, FL** Aug 2018 - Present

*Radio Frequency Attenuation through a Rocket Flame Plume*

* Designed and fabricated experimental support infrastructure, fuel, and oxygen supply systems with AutoCAD
* Developed safety plan and operation documents for rocket engine
* Operated rocket engine, fired successfully, and collected radio attenuation data

*Variable-Aspect Ratio UAV*

* Performed ground vibration testing with impact hammer coupled with accelerometers
* Designed support structure in PTC Creo and tested in ANSYS
* Presented project for Unmanned Systems Demo at Kennedy Space Center

*Redesign of BMW X3 Side Mirror*

* Analyzed and redesigned BMW side mirror to eliminate unwanted noise and vibrations
* Generated 3-D models of side mirror component with SolidWorks
* Analyzed component vibration and predicted how to dampen the mirror to eliminate noise and vibration using MATLAB

**U.S. Navy Leading Petty Officer,** June 2008 - Aug 2018

*Machinist Mate/Equipment Operator- Various Nuclear Submarines and Locations*

* Supervised 10 technicians. Responsible for maintenance, repair and safe operation of mechanical equipment associated with propulsion of a nuclear submarine
* Managed division safety program and overhaul of mechanical systems during scheduled maintenance periods.
* Operated/troubleshoot the following systems: Hydraulic, steam, air, lube and fuel oil, engine cooling, and distilling. Overhauled compressors, pumps, valves, turbines, and thrust bearings. Maintained/calibrated over 500 gauges
* Qualified with Nuclear Plant Operator License to operate multi-million-dollar nuclear power plant

*Navy Trade Schools*

* Completed following subject areas: Mechanical machinery construction and maintenance (18 weeks); Leadership and management (2 weeks); Preventive maintenance (2 weeks); High pressure air compressor operation and maintenance (2 weeks); Shipboard gauge calibration (1 week); and quality assurance inspections (1 week); Total quality management / Customer service skills (2 weeks)

**Honors and Awards**

* Dean’s List
* Earned 3 Navy Letters of Commendation and 2 Navy Achievement Medals for superior performance