

Aubrey McKinney

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EDUCATION

Old Dominion University, Norfolk, VA

Bachelor of Science in Engineering

Major: Computer Engineering

GPA: 3.92

Dean's List: Spring 2023, Summer 2023, Fall 2024, Spring 2024, Summer 2024

Graduation: May 2026

Minor: Computer Science

Naval Nuclear Power Training Command

Nuclear/Nuclear Power Technology/ Technician

GPA: 3.36

Graduated: 8th in Class

Graduation: August 2021

Delta Community College, Bay city, MI

Intro to Engineering

Attended: Sept. 2018 – Feb 2020

Relevant Courses: Classroom and hands on training in Electrical Theory, Heat Transfer & Fluid Flow, Physics, Reactor Principles, Reactor Theory, Reactor Chemistry. C++ & Java Programming languages, Electrical & Computer Curriculum.

RELATED EXPERIENCE

U.S. Navy – Norfolk, VA

Electricians Mate Nuclear

April 2020 – February 2023

- Operation and Control of generators, switchboards, control equipment and electrical equipment associated with reactor plants.
- Maintenance on power and lighting circuits, fuse panels, motors, generators, voltage and frequency regulators, and distribution switchboards.
- Test for shorts, grounds, and other casualties.

K&M International, North Branch, MI

Welder

January 2020 – April 2020

- Fabrication of propane fired asphalt trailers and infrared asphalt recyclers.
- Mig welding, grinding, and support fabrication to ensure quality and safety of finished materials.
- Interpreting blueprints and precise measurements.

Sebewaing Tool & Engineering Company, Sebewaing, MI

Machining Internship

September 2018 – May 2019

- Design and manufacturing internship to include machining of bracketry and mounting hardware for actuators, positioners, limit switches and other valve accessories for petrochemical (plastic) companies.
 - Fabrication of pumps, mixers, granulators, strand die assemblies for the petrochemical industry.
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ADDITIONAL EXPERIENCE

Frankenmuth Clock Company – Frankenmuth, MI

Team Management

June 2019 – January 2020

- Performed Checks and balances to ensure accountability of daily transactions.
- Ensured shelves stocked and inventory accounted for.
- Worked to prioritize sales of inventory and up sale items.
- Processed online orders to include label preparation, packing, and shipping in the U.S. and overseas.

Big Boy – Caro, MI

Server

September 2018 – March 2019

- Used Customer service skills to ensure the well-being of guests.
- Functioned as a well-coordinated team to ensure greatest efficiency between Kitchen staff and servers.
- Ability to adapt in a stressful, fast-paced, demanding environment.
- Performed various spot cleaning and organization that required keen attention to detail.

Ed Mantey & Sons – Fairgrove, MI

Corn Detassler (laborer)

July 2015 – August 2017

- Performed seasonal manual Labor.
- Hoeing of weeds through organic seed corn fields.
- Detassling corn to begin process of producing seed corn

LEADERSHIP

Title of Affiliation: Indoctrination Coordinator/ CPPA

July 2022 – February 2023

- Led 19 Administrative Personnel in the successful and timely gain of 312 Individuals across 23 Naval Commands.
- Facilitated process improvements that streamlined administrative processing from two weeks to three days.
- Increased Personnel readiness and supported mission accomplishment across the submarine force.
- Received Navy and Marine Corps Achievement Medal for performance and devotion to duties listed above.

SKILLS

Electrical technician – Electrical Safety, Troubleshooting, Power Distribution

Administrative Assistant – Microsoft office, Navy Personnel and Pay, Command Pay and Personnel Administrator

Welding/ fabrication – Mig welding, grinding, Oxy- acetylene, Arc Welding

Machining – Manual Lathes, Mills, Basic CNC, Surface Grinding, Basic CAM

Computer Programming – C++, MATLAB, JAVA, VHDL, Linux Based Systems

Construction – Framing, intermediate plumbing, intermediate roofing, drywall, intermediate residential electrical.
