

Peter Duncanson

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY — B.S., *Electrical Engineering*

September 2025 - May 2027

Connecticut State Community College Housatonic, Bridgeport, CT — A.S., *Engineering Science*, GPA 3.9

September 2021 - May 2025

Quartermaster School, Fort Gregg-Adams, VA — *Bulk Fuel Specialist*

November 2016 - February 2017

EXPERIENCE

CT State Housatonic, Bridgeport, CT — *Supplemental Instruction Leader*

September 2024 - May 2025

- Facilitated bi-weekly peer-led study sessions for students enrolled in Calculus-Based Physics and Calculus, improving understanding of complex concepts.
- Attended lectures, collaborated with the professor, and developed interactive learning activities aligned with course objectives.

Housatonic STEM Tutoring Center, Bridgeport, CT — *Student Tutor*

September 2022 - May 2025

- Provided one-on-one and group tutoring in math and science, helping students improve comprehension and academic performance.
- Assisted students with homework, test preparation, and problem-solving techniques.

Hubbell Electric Heater Company, Stratford, CT — *Wiring Technician*

April 2021 - May 2022

- Performed electrical wiring and connections for electric water heaters according to technical drawings.
- Installed, inspected, and tested electrical components, including thermostats, heating elements, and control panels.
- Worked collaboratively with production and engineering teams to improve wiring processes.

Marathon Finishing Systems, Temecula, CA — *Shop Technician*

May 2020 - March 2021

- Assembled Spray Paint Booths; assembly of sheet metal parts, single phase motor, 3 phase motor, and VFD wiring.
- Welding Assistant; cleaned, cut, beveled and otherwise prepared metal for welding.

United States Marine Corps — *Lance Corporal*

May 2016 - May 2020

- Designed and built fuel dispensing and receiving systems according to schematics and terrain.
- Performed preventative maintenance on equipment, disassembly and reconstruction of valves and small engines.
- Tool Room NCO; Responsible for maintenance, calibration, and inventory of tools.

ACTIVITIES

Rensselaer Electric Vehicle

A student-run club dedicated to building 100% electric vehicles. These vehicles compete in races like Shell Eco-Marathon, where they are evaluated for efficiency and design as opposed to pure speed.

IEEE

Institute of Electrical and Electronics Engineers

Ski Club

HONORS

Epsilon Pi Tau

An international honor society for technology students, professionals, and educators.

Phi Theta Kappa

An international honor society for students at two-year colleges.

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SKILLS

Python

Microsoft Excel

Problem-Solving

Critical Thinking

Mathematics

Mentorship & Tutoring

Electronics

Leadership

AWARDS

Paul Doane Memorial Award

Outstanding Achievement in Supplemental Instruction Leadership Award

Outstanding STEM Student Tutor Award

National Defense Service Medal

Sea Service Deployment Ribbon

Global War on Terror Service Medal

Navy and Marine Corps Meritorious Unit Commendation Ribbon