

Joseph Laughinghouse



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Professional Experience

2025 - Present

Junior Surveyor and Engineer, MARTIN, OTTAWAY, van HEMMEN & DOLAN, INC. USCG certified new vessel construction oversight, damage surveys, initial certification procedures. Inspection services including machinery, dry dock, yachts, passenger vessels, wooden boats, marine composites, barges, and machinery. Initial design, calculation and evaluation. Forensic support.

2023 & 2024

Mechanical Engineering Intern | Viking Yacht Company, New Gretna, NJ

Worked as a line worker installing mechanical equipment on sport fisher yacht between 54' to 90'. Engineering support for production line calibrating pressure transducers within freshwater tanks. Calculated structural weights and center of gravity of electrical wire runs.

2022

Worked as Deckhand onboard 153ft Feadship Motor Yacht Mystique.

2020 & 2021

Worked as Deckhand onboard 118ft Ocean Alexander Motor Yacht Eileen's Way.

EDUCATION AND PROFESSIONAL QUALIFICATIONS

BS, Mechanical Engineering, minor Architectural Studies, Lafayette College, 2025

Engineers Without Borders | Managed a student lead team as Project Advisor to design and construct a modular clothing display rack for the Office of Sustainability at Lafayette College, 2025.

Senior Capstone | Research and development of prototype search and rescue drone for the intent on assisting beach patrols rescue rip current and drowning victims.

Engineers Without Borders | Managed ongoing projects as Outreach Chairman, supporting Project Leaders to achieve project objectives. Solicited new projects on campus and from the surrounding community, 2024.

Semester Abroad at Saint Louis University Madrid, 2023.

Standards of Training, Certification and Watchkeeping for Seafarers (STCW), Bluewater Yachting, 2020.

Powerboat Level II certification, Bluewater Yachting, 2020.

Vessel Personnel with Designated Security Duties, Marine Professional Training, 2020.

Languages:

English

Nationality:

US Citizen

Contact:

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