

Amina Patel

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SUMMARY

Motivated and detail-oriented marine engineer with a strong foundation in marine engineering principles and hands-on experience in project support. Proven ability to contribute to the successful completion of engineering projects while optimizing resources and enhancing team performance.

EXPERIENCE

Marine Engineering Intern

Jan 2022 - Present

OceanTech Solutions, Seattle, WA

- Assisted in the design and analysis of marine vessels, contributing to a 15% reduction in fuel consumption through optimization of hull designs.
- Collaborated with senior engineers to develop a predictive maintenance schedule that reduced downtime by 20%, saving the company approximately \$30,000 annually.
- Gained proficiency in CAD software (AutoCAD, SolidWorks) and simulation tools (ANSYS) to model and test various marine components.

Junior Engineering Assistant

Jun 2020 - Dec 2021

Wave Dynamics Corp, Tacoma, WA

- Supported the engineering team in conducting feasibility studies for new marine projects that increased project efficiency by 10%.
- Participated in team meetings to discuss design modifications, leading to successful project delivery within a tight deadline.
- Utilized MS Project for scheduling and tracking project milestones, improving project visibility for stakeholders.

Engineering Co-op

Jan 2020 - May 2020

Marine Innovations LLC, Bremerton, WA

- Conducted research on new materials for marine construction that improved durability by 30%.
- Assisted in the preparation of technical documentation for engineering proposals, enhancing clarity and compliance with regulatory standards.

EDUCATION

Bachelor of Science in Marine Engineering

May 2018

University of Washington, Seattle, WA • GPA: 3.7

SKILLS

Technical Skills: Fluid Dynamics, Thermodynamics, Marine Structures, Hydrodynamics

Tools & Frameworks: AutoCAD, SolidWorks, ANSYS, MATLAB