

Amina El-Mansour

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SUMMARY

Marine Engineer with over 5 years of experience in ship design and maintenance. Proven track record in optimizing efficiency and reducing operational costs through innovative engineering solutions.

EXPERIENCE

Marine Engineer

Jan 2022 - Present

Oceanic Engineering Solutions, Seattle, WA

- Led a team in a retrofit project that improved fuel efficiency by 15%, resulting in annual savings of \$200,000.
- Implemented predictive maintenance strategies that reduced equipment downtime by 25%.
- Designed and tested a new ballast system that enhanced stability under various sea conditions.

Junior Marine Engineer

Jun 2018 - Dec 2021

Nautical Innovations Inc., San Diego, CA

- Assisted in the development of a state-of-the-art propulsion system that increased vessel speed by 10%.
- Participated in the design and analysis of marine structures using AutoCAD and SolidWorks.
- Collaborated with cross-functional teams to complete projects on time and under budget.

Intern Marine Engineer

May 2017 - Aug 2017

Maritime Design Group, Miami, FL

- Conducted research and analysis to support the design of eco-friendly ship systems.
- Assisted in drafting technical reports that contributed to project funding of \$50,000.
- Gained hands-on experience with ship maintenance protocols and safety inspections.

EDUCATION

Bachelor of Science in Marine Engineering

May 2018

University of Washington, Seattle, WA • GPA: 3.7

SKILLS

Technical Skills: Ship Design, Hydrodynamics, Thermodynamics, Fluid Mechanics

Tools & Frameworks: AutoCAD, SolidWorks, MATLAB, ANSYS