

DRIVEN BY PASSION – Our mission is to ensure long-term business relationships through customer satisfaction.

UNITED ENGINEERING SOLUTIONS is a dynamic, growing, and internationally operating engineering company in the heavy lift shipping segment. We offer a comprehensive service for shipping project, heavy lift, and breakbulk cargo as well as consultancy in nautical matters. We develop operation manuals, method statements, lifting and stowage plans along with the calculation of secure lashing, on-site finalization, and supervision of your project. We provide innovative solutions for challenging projects.

UNITED ENGINEERING SOLUTIONS closely cooperates with our partner companies UNITED WIND LOGISTICS, UNITED HEAVY LIFT, and UNITED HEAVY TRANSPORT. Get to know us at www.united.engineering

Join our engineering team in our head office in the Hamburg HafenCity at the next possible date in the position of

Student Worker (f/m/d) Ship Hydrodynamics (10 to 20 hrs./w.)

Your main responsibilities

- Processing/visualization of real-time sea-state and motion data from monitoring systems on board our vessels
- Preparation of technical documentation and reports
- Developing of validation and comparison concepts
- Preparation of reference calculations using potential methods (e.g. Ansys Aqwa, WASIM, PDstrip)
- If interested, also checking/calibrating the measurement systems on board

Your qualifications

- Advanced technical studies, preferably in the field of naval architecture/marine engineering
- Technical understanding of ship motions, hydrodynamics and hydrostatics
- Confident use of MS Excel and basic knowledge of at least one higher-level programming language (Python, VBA, C# or similar)
- Basic CFD knowledge preferred, but not required
- Independent working style, ability to work in a team, flexibility and strong communication skills
- Knowledge of CAD programs, e.g. Autodesk AutoCAD or Inventor advantageous

- Enthusiasm for naval architecture and the maritime industry
- Interest in a study-accompanying activity with a weekly working time of 10-15 hours on average, flexibly divisible

We offer

- An exciting and autonomous job in a young team, consisting of navigators and engineers.
- The opportunity to contribute your own ideas and to take on responsibility already as a student.
- A reasonable salary and flexible working hours
- The opportunity to carry out your later project/master thesis in our company if you are interested.

UNITED ENGINEERING SOLUTIONS offers you a multifaceted and responsible position in an international company with a highly motivated, dynamic, and team-oriented working environment.

We are looking forward to receiving your meaningful application, supported by your earliest possible date of entry by email addressed to Daniel Leonhardt: career@united.engineering (max. 2 attachments, in PDF format only).

Hamburg, 13.01.2021