

DRIVEN BY PASSION | Our mission is to ensure long-term business relationships through customer satisfaction. United Engineering Solutions GmbH (UES) is a growing and internationally operating maritime engineering company in the heavy lift shipping segment. UES offers a comprehensive service for shipping heavy lift, project, and breakbulk cargo as well as consultancy in nautical matters. We design steel structures for heavy cargo transportation, traverses and lifting beams, hatch covers, crane foundations, and jibs. UES develops operation manuals, method statements, lifting and stowage plans along with the calculation of secure lashing, on-site finalization, and supervision of projects. We provide innovative solutions for challenging projects. Get to know us at www.united.engineering

The UES team consists of experienced Captains, Nautical Officers, Cargo Superintendents, and Naval Architects. UES exclusively manages the UNITED GROUP's fleet of more than 20 MPP heavy lift vessels and 3 deck carriers. UES cooperates closely with our partner companies United Heavy Lift and United Wind Logistics.

Join our team in our head office in the Hamburg HafenCity, Germany, at the next possible date as

Student Worker (f/m/d)

Ship Hydrodynamics (10-20 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 in the field of naval architecture/marine engineering
- Good 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, Inventor or Rhino advantageous
- Enthusiasm for naval architecture and the maritime industry
- Interest in a study-related activity (10-15 hours on average per week, can be flexibly arranged)

We offer

- An exciting and autonomous job in a 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 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 and team-oriented working environment. We are looking forward to receiving your 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).