

Take your next career step with UNITED ENGINEERING SOLUTIONS. We are 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 turnkey solutions for heavy cargo transport incl. production drawings, 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.

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

## Project Engineer (f/m/d) Ship Hydrodynamics

### Your main responsibilities

- Preparation of motion response analyses and assessment of environmental design criteria
- Development of assessment tools and concepts to optimize the interface between hydrodynamic and structural engineering (R&D)
- Preparation of hydrostatic analyses and ballasting plans
- Performing mooring and loading/discharging analyses
- Preparation of related technical documentation and reports
- Supervision of loading/discharging operations on-site

### Your qualifications

- Master/Diploma degree in naval architecture or any other related maritime field
- Advanced knowledge in ship motions, hydrodynamics and hydrostatics
- Profound knowledge and experience with potential flow-solvers such as Ansys Aqwa, WASIM, PDstrip or similar (mandatory)
- Basic knowledge and experience with RANS solvers such as OpenFoam, StarCCM+ or similar (preferred)
- Knowledge of CAD programs such as Autodesk AutoCAD, Rhino or Inventor (advantageous)
- Enthusiasm for naval architecture and the maritime industry
- Independent working style, ability to work in a team, flexibility and strong communication skills

We offer

- An exciting and autonomous job in a young team
- Challenging Projects
- A good salary and flexible working hours
- The opportunity to work from home

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 Hendrik v. Brauchitsch: [career@united.engineering](mailto:career@united.engineering) (max. 2 attachments, in PDF format only).

Hamburg, 27.01.2021