

16 September 2021

The Hamburg Ship Model Basin (HSVA) is a private, self-supporting organization providing research and consultancy services to the worldwide maritime industry. About 100 employees develop a complex understanding of various problems in hydrodynamic research, development and optimization in the field of shipbuilding, shipping and marine engineering. With its sophisticated experimental research facilities HSVA has been among the world's leading ship model basins since its foundation in 1913. Based on pioneering contributions from scientists and engineers, HSVA developed an intricate understanding of all problems in ship and offshore hydrodynamics, propeller design and arctic technology.



HSVA's team of project managers is looking for an experienced

## **Project Manager Data Science (MSc., PhD) (m/f/nb)**

(pay grade: free negotiation)

One year contract with possibility of extension\*

### Tasks / Responsibilities

- Definition and development of business area "data driven solutions"
- Product development and definition of related business cases in the field of data driven solutions
- Consultancy and customer relation management in the business area in-service monitoring and evaluation of field measurements
- Development and application of advanced statistical methods for the evaluation of measurements and data sets
- Research and development of tools for ship design and performance prediction supported by AI-technologies
- Support for development, maintenance and enhancement of technical databases at HSVA within a team of technical experts
- Support in evaluation and analysis of experimental and numerical results with above mentioned technologies and tools

### Benefits

- Exciting and diversified tasks with a modern research service provider
- Flat hierarchies, short decision paths
- Flexible working hours, and performance-based salary
- Innovative team

### Requirements

- Profound knowledge and experience in data sciences, statistical methods and machine learning
- Programming skills (Python, Java)
- Experience in database development and handling (SQL)
- Experience with tools for data science and data mining (e.g. "R", Orange)
- Preferably knowledge in hydrodynamics, aerodynamics and/or work in experimental testing laboratories
- Ideally background in the marine industry, shipbuilding, etc.
- Preferably second level university degree (MSc, PhD)
- Team player
- Strong communicator
- Highly motivated work attitude
- Self-organizing talent
- Assured and confident manner
- Self-motivated lifelong learner
- Excellent verbal and written English language skills
- Preferably German language skills or willingness to learn German

**To apply, please send your application preferably by e-mail before 15 October 2021:**

Ms Jasmin Gronau

Email: [jobs@hsva.de](mailto:jobs@hsva.de)

\*Limitation applies only to external applicants; for internal applicants the existing contractual arrangements apply.