



ENGINEERING INTERNSHIP / WORKING STUDENT HIGH VOLTAGE BATTERY DEVELOPMENT (FOCUS E/E)

LOCATION MUNICH/ GERMANY
FOR IMMEDIATE HIRE | 6 MONTH CONTRACT

Forward Engineering (FE) is a trusted partner for holistic and sustainable product development in the automotive and aerospace industry. The global FE team supports our client partners with comprehensive design, system engineering, material and process know-how in the field of technical and fiber-reinforced polymers, functional lightweight construction and CAE-supported multi-material design optimization. Bringing together our global network of material manufacturers, technology providers and tier suppliers enables the resource efficient and cost-effective implementation of new and emerging technologies.

YOUR FUNCTIONS

In your work as an intern/working student in the expert group "Battery", you will gain comprehensive insights into the systematic development of HV battery systems and support the team in processing research and customer projects:

- Benchmark analysis of current & future high-voltage battery systems/architectures (focus E/E)
- Support and documentation of the E/E development activities in the "Battery" specialist group
- Cooperation and independent processing of internal battery development and research projects
- Participation in various customer projects
- Support in the preparation of result reports, project documentation, presentation of project results

YOUR PROFILE

- Passionate about Sustainability, Electrification and Future Mobility
- Degree in electrical engineering, mechanical engineering, automotive engineering or a comparable qualification
- Good understanding of electrical and mechanical basics in the field of electric drives
- Previous knowledge of common development software (E-CAD, CAD, Matlab)
- Advanced knowledge of vehicle E/E architectures, traction battery systems (connection of cells/modules, BMS functions, fast charging, thermal management, etc.)
- Practical experience in the development of high-voltage systems and system architectures is an advantage
- Very good written and spoken German and English skills
- Independent, structured and results-oriented way of working

THE FORWARD OFFER TO YOU

- Responsible tasks in an innovative environment
- Great conditions in an open-minded, collegial team
- A flat, project oriented and responsive organizational structure able to respond quickly to customer and market requirements
- Individual, attractive opportunities for your development in a growing business

We are looking forward to your comprehensive application.

Required documents: CV, certificates

Please understand that we can only accept applications via e-mail to:

students@forward-engineering.com

Forward Engineering GmbH

www.forward-engineering.com

