

BSH Hausgeräte Gruppe

B/S/H/ Tomorrow is our home. Start swiftly and grow fast at BSH Home Appliances Group: As a leading manufacturer of home appliances and solutions, we move things forward to make people's lives easier. With our global brands Bosch, Siemens, Gaggenau and Neff as well as our local brands, there is a world of opportunities for you to discover. We encourage people to develop their potential and never stop learning. After all, we believe that great work is the result of doing what you love. Join us now and give your career a home.

Thesis with Internship: Model-Based Development of Control Function

BSH Hausgeräte GmbH | Full time / Part time | from September 2025 Berlin

City: Berlin; Starting date (earliest): 01/09/25; Remuneration: -

Working field

Your responsibilities

Are you well-versed in theory and now looking for practical experience in a dynamic company? Then use your talent and expertise to help us with the following tasks

- Requirements Engineering and documentation in corporate systems
- Development of control systems functionality for detecting sensor plausibility in a washing machine in MATLAB/Simulink/Stateflow
- Validation and Verification of functionality with physical models
- C/C++ code generation and implementation into existing codebase
- Documentation of work in the form of a thesis

Requirements

Your profile

- Studies in the fields of engineering sciences, computer science or similar
- Experience in Model Based Development, MATLAB/Simulink and C/C++ is beneficial
- Structured and analytical approach, independent working style, reliability, team-orientation
- Enthusiasm for working in the office alongside colleagues in Berlin
- English or German speaker

What we offer

Your benefits

- Company-related processing of current topics
- Personal contact person
- Appreciative working atmosphere

Application

Please visit <https://www.bsh-group.com/career/welcome-at-bsh>. We would love to welcome you in our team!

More information at <https://stellenticket.de/197147/HTWB/>
Offer visible until 13/09/25

