

## INTERNSHIP: BACHELOR-/MASTER THESIS: CODE ANALYSIS OF SPS CODE (M/F)

TGW relies on junior experts and offers students the opportunity to immerse themselves into the world of intra-logistics before they graduate from university. At TGW, you will not only gather first valuable job experience, but also lay the foundation for a career within the TGW Group.

Start your bachelor or master thesis at TGW and look forward to an exciting field of tasks as well as to an appreciative business environment.

### TASKS

When working on your bachelor/master thesis, you will be part of our PLC System Architecture team. You will evaluate and test an existing static code analysis tool for our PLC code. The quality of the PLC code shall be sustainably increased by using the static code analysis. Besides a first proof of concept of the existing PLC code, you will also be responsible for evaluating the practicability of this method. You will identify changes required in the code, assess their extent and provide a cost-benefit analysis. As a further step, you will define relevant analysis rules to obtain the maximum quality.

### REQUIREMENTS

- FH/University education in Automation and Controls Engineering, Mechatronics Engineering or similar
- Excellent Siemens S7 knowledge is a prerequisite, first practical experience in PLC programming is desirable
- Excellent command of written and spoken German and English
- Analytical and structured method of working, interest in refining systems

### WE OFFER

- 3 to 6 months employment
- Place of work: Wels
- Variable number of weekly working hours: full-time or part-time employment possible (please communicate which you prefer)
- Gross monthly salary of 1,785 Euros for 38.5 hours/week
- Appreciative working environment, exciting tasks, motivated team

The application procedure will be done in several stages in Wels.

If you are interested, we look forward to your application incl. curriculum vitae, cover letter and transcript of records.

**Living Logistics. Promoting Careers.**



Your contact  
person  
for this job  
opening:

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