INTERNSHIP / THESIS - CONTROLS ENGINEERING (M/F/D)

What if energy supply could be sustainable, affordable, and reliable at the same time? With its product brands Jenbacher and Waukesha and the digital platform myPlant, INNIO offers energy solutions for today—and tomorrow, in more than 100 countries, improving the quality of life for countless people. Do you want to make a difference with your work? We are searching for an Intern / Thesis - Controls Engineering (m/f/d). Join our team now!
INNIO was awarded the Platin Medal from EcoVadis in 2024 for our outstanding sustainability efforts. For more information, visit INNIO's website at www.innio.com. Follow INNIO on Twitter and LinkedIn.

Responsibilities as intern:

- Work in close cooperation with the controls/ measurement/ Grid Code solutions team to develop and test differentiating technologies
- Support the team in requirement discussions, scope and concept definitions and feature design by involving all necessary experts
- Exchange with senior engineers on technical development challenges and solutions
- Translate functional requirements into technical specifications and design solutions

Your Profile:

- Ongoing Bachelor' or Master studies in electrical or mechatronic engineering or related
- Educational experience in controls design (MATLAB, Power factory, etc.) preferably in modelling of electrical equipment, electrical machines, power systems
- Basic understanding of reciprocating engines and power systems
- Passion about software development and a real team player
- A valid work permit for Austria is a prerequisite for this position (Non-EU citizens: please attach the work permit to the application)

Area of topics for Master/Bachelor thesis:

- Development of novel controls solutions to continuously improve the performance of our gas engine products
- Investigating in nonlinear model-based control algorithms for fast and robust transient behavior of our generator-engine sets
- Develop dynamic engine-generator-grid models in Matlab Simulink, Power factory and other state-of-the-art simulation tools
- Work on real-time modelling for hardware-in-the-loop applications to grow our offline test and simulation capabilities
- Development of new optimization tools to provide accurate estimates on plant sizing, transient performance, and costs

The base pay is composed of the amount according to the Austrian collective agreement which is at least EUR 2.548,82 gross per month (x 14).

WHY INNIO JENBACHER?

- Innovative & international working environment
- Flexible working time model (depending on position and role)
- Health We Care Program - including company sport activities
- VVT ticket, 15 min to Innsbruck by train
- One of the bet canteens in the region
- Buddy program for orientation
- Platinum medal from EcoVadis in 2022 for sustainability initiatives

careers.innio.com