

MECHATRONIC ENGINEER – (1x FULLTIME, 1x WERKSTUDENT)

NÜWIEL is an award-winning Hamburg based start-up developing electric transportation solutions for last mile logistics.

NÜWIEL is founded in 2016 by Natalia Tomiyama, Sandro Rabbiosi and Fahad Khan. Our vision is to improve air quality in big cities and reduce negative impact of traffic emissions on cities, environment and public health by providing an alternative mobility: **intelligent electric bicycle trailers**.

We are currently seeking a creative, motivated and enthusiastic fulltime and an intern/part-time student in the field of mechatronics/control engineering with focus on control and automation applications.

YOUR MISSION:

- Designing, implementing and maintaining new control routines and algorithms for Nüwiel electric bicycle trailer system
- Investigating new designs, operations and performance improvements based on in-house testing and customer feedback

YOU BRING:

- Master or PhD student in controls, mechatronics, robotics or equivalent
- 3-5 years of experience as a hands-on Controls Engineer or Automation Engineer working on automation and/or electromechanical systems
- Practical experience with design and implementation of H-infinity or MPC desired with advance knowledge of control theory, state estimation, nonlinear systems and sensor integration/fusion
- Hands-on experience with robotic hardware with programming experience in Matlab and C++
- Excellent written and verbal communication skills
- Fluent in English and/or German

WE OFFER:

- Immense learning and a start-up experience
- International, supportive and friendly team
- Direct contribution to the product development and impact on the environment
- Room for creativity, own ideas and exploration
- Support in personal and professional development
- Table tennis, team lunches and free goodies

Interested? Please send your CV and other relevant documents to moin@nuwiel.de