



Garrett Engineering Internship - Electric Boosting Brno, Czech Republic

Garrett is the true pioneer of automotive turbocharging dating back more than 60 years and continues today as the world's leader in turbo technology solutions and an experienced supplier of electric boosting products and automotive software to support passenger cars, commercial vehicles, and off-highway equipment. Bring your passion to a fast paced and professional work atmosphere.

Within this internship you will work on electric machine technology for electric boosting products for Garrett

- Supporting our eMachine design engineers by performing project(s) relevant to the design and testing of our high speed (> 150 krpm) eTurbos and other electric boosting products
- Opportunity to work on projects with an impact on real work designs for mass production
- Interacting with subject matter experts in systems, power electronics, eMachine control, and mechanical engineering
- Opportunity to choose from a range of projects and drive from start to finish, taking ownership, and finding solutions to meet overall goals

What we expect:

- Student in last year (of Masters) of Electrical Engineering or Mechatronics
- Have taken courses in the design of electrical machines
- Experience of finite element software for electric machine design
- Basic Knowledge of power electronics and inverter operation
- Experience with programming languages e.g. Python, VBA
- Good communication skills in both written and spoken English (at least technical English level)
- Duration: 3 – 6 months

What we offer:

- An ability to integrate a high technology, collaborative & passionate team
- Discover high paced Automotive product development on an innovative technology
- Career opportunities
- Dynamic and international work environment

Are you interested in the internship? Contact me:

Dominika Cheníčková

dominika.chenickova@garrettmotion.com