

# Internships 2025

**Engineering simulations can get us very close to understanding how products and constructions will behave in the real world.  
Want to be part of a world-class simulation team?**

## Internship assignments

Relatively a lot of engineering time is spent on modeling and adjusting for iterations, especially when complex physics is included. Femto Engineering sees big potential in the application of AI techniques to improve our workflows. That's why we have multiple opportunities available on AI. We do also offer some other assignments.

Topic	Field of study	Level
AI in Simulation <ul style="list-style-type: none"> <li>- Investigate how AI practices would improve our current workflows.</li> <li>- Test new modelling automation tools and train with old models to predict new design iterations in Altair and Simcenter software.</li> <li>- Using AI for scripting, marketing and database purposes.</li> </ul>	FEM / AI	all
Develop a multibody-dynamics model for a roller-coaster track using Simcenter 3D software.	FEM / multibody dynamics	WO/ HBO graduate
Design/ develop with Simcenter 3D a (composite) reinforcement frame for an electric pick-up.	FEM/ composites/ automotive	HBO graduate
CFD analysis of a burner (setting up a model, solve the relevant physics and run simulations)	CFD/ Ironmaking	WO/ HBO graduate

**Femto Engineering** was established in 1997 as a spin-off from the Delft University of Technology. Femto offers overall solutions for complex Computer Aided Engineering (CAE) in the field of consultancy, software, secondment, training, technical support and R&D. We specialize in analyzing, validating and optimizing products using structural (FEM), flow (CFD) and system (1D) simulations. Our team facilitates a diverse and growing customer base in the efficient realization, validation and optimization of their products and is based in Delft (Netherlands) and Münster (Germany).

**Interested?** Send your CV and motivation letter to Daan van Campen (Operations Manager) at [info@femto.nl](mailto:info@femto.nl). You can find more information about our company at [www.femto.nl](http://www.femto.nl) or connect with us on linkedIn: [linkedin.com/company/femto-engineering/](https://www.linkedin.com/company/femto-engineering/)