

# Internship Simulation and modelling

**Department** Analytics and Sensorics  
**Experience** Student  
**Site(s)** Wiesbaden, Munich, Düsseldorf, Stuttgart, Hamburg



## Possible roles & tasks

- Examine the NumeRe application for simulation and modeling capabilities
- Implement and simulate a prototype-like physical object
- Use your knowledge of numerics, computer science, and linear algebra to create simulations in a new programming language
- Sharpen your understanding of programming languages, such as In C/C++, Python, etc., by implementing optimization techniques.
- Evaluate the application and work out potential improvements

## Profile

- You are studying physics, mathematics, mechatronics, computer science, electrical engineering or similar courses of study
- You have an understanding of physics and experience in a simulation tool
- You have programming skills
- Knowledge of numerical methods, FEM and combinatorics is an advantage
- Business fluent German and advanced English skills

## Benefits



Individual Trainings



Team Events



OnBoarding Week



Global Network



Personal Mentoring



Innovative working culture



Own Hardware

## INVENSITY

We are an **innovation and technology consultancy** with an international orientation. We support our customers with individual solutions for technological challenges throughout the **entire development process**.

Our customers are mainly from the **high-tech industry**, including automotive and transportation, aerospace, medical technology, energy and telecommunications.

We have offices in **Germany** (Hamburg, Düsseldorf, Wiesbaden, Stuttgart, Munich), **Spain** (Barcelona), the **Philippines** (Manila) and the **USA** (Detroit, MI).

## Your application

If you share our passion for technology, apply now with your CV, your relevant certificates and, if applicable, your current work/residence permit:

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Any questions? **+49 611 504 754 0**