Student assistant: Software Development

The Fraunhofer-Gesellschaft (www.fraunhofer.com) is one of the world's leading organizations for application-oriented research. 75 institutes develop pioneering technologies for our economy and society – more precisely: 32 000 people from technology, science, administration and IT.

At the Fraunhofer Institute for Production Technology IPT in Aachen, we are creating the production of the future with more than 450 employees – digital, sustainable and resilient. In the group »Cognitive Production«, we research on advanced industrial paradigms to create self-optimizing, flexible, and resilient production systems.

As a student assistant you support our team with development of software for production.

Be part of change

- Further development of human-machine interfaces for productions machines
- Implementing APIs for datacentric applications
- Testing and documentation of microservice based architecture

What you contribute

- You are studying computer science, physics, automation, mathematics or a comparable subject and are enthusiastic about new challenges
- Solid background in Python and/or C#
- You have decent knowledge in databases (especially time-series database is a plus)
- Experience with industrial automation systems is an advantage
- You have initial knowledge of version management (e.g. Git)
- Ideally fundamental experience in topics such as coding conventions, architecture, and design patterns
- Software testing and documentation are not new to you
- Good language skills in German and/or English

What we offer

- Collaboration in innovative research projects and the chance to implement your knowledge from your studies in practice
- You become part of the team from the very beginning, can contribute your ideas and take on tasks on your own responsibility
- Flexible working to combine studies and job in the best possible way

For any further information on this position please contact:

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