



IMMS

Scientist in IoT development for smart farming (d/f/m)

Would you like to work on innovative solutions that help make the world a better place? Work with us on IoT systems, e.g. to make smart use of scarce water resources in agriculture, and join our IoT team in our System Design department. Develop intelligent, networked embedded systems with us for various applications ranging from smart cities to environmental monitoring. Dive into the details of the sensor technology itself and keep an eye on the overall solution for customer issues.

WHAT TO DO:

- You will use and refine methods for merging heterogeneous data from different sources.
- You will analyse and evaluate collected or merged data and visualise it in a suitable form.
- You will design and implement digital representations.
- You will further develop innovative embedded systems.
- You will work with clients to agree specifications and functionalities.
- You will develop customised solutions.
- In our team, you will be involved in answering relevant research questions.
- You will publish research results at scientific conferences and in journals.

WHAT TO BRING WITH YOU:

- Degree with a focus on data analysis in the field of computer science, mathematics, electrical engineering or a comparable field of study
- In-depth knowledge in the field of IoT and environmental monitoring
- Experience in the development of embedded systems
- Proactive, self-organised, structured and solution-oriented way of working, high quality awareness as well as teamwork and cooperation skills
- Good language skills in German and English
- Flexibility and resilience
- In-depth knowledge in the field of signal processing
- Very good knowledge of a higher programming language (C/C++)

WHAT WE CAN OFFER YOU:

- An attractive workplace in a modern, very well-equipped and industry-oriented research institute
- Work directly at the interface between university and industry
- Collaboration in a flexible and creative team and on innovative and challenging topics
- Remuneration based on the framework conditions of the public service of the federal states
- Professional qualification and attractive further training opportunities
- Full-time or part-time work, initially limited to 2 years

WE ARE LOOKING FORWARD TO MEETING YOU!

We thank you for your interest in working with us. You can get to know us in advance by contacting **Tino Hutschenreuther**: +49 (0) 3677 874 93 40.

Place of work: Ilmenau

Team: System Design

Career level: Professional experience

Time scope: Full- or part-time work

Start: As soon as possible

Type of contract: fixed-term

Application deadline: 2024-06-30

Reference number: IMMS_0424_SD01

AND THIS IS US:

We strengthen enterprises with application-oriented research and development in microelectronics, systems engineering and mechatronics and transfer the results of basic research into applications and products. We support companies in launching internationally successful innovations for health, the environment and industry and provide solutions from the feasibility study to series production.

For the tasks described in the job offer and with the existing working conditions, an application is possible irrespective of gender and/or any physical disabilities. We foster professional equality of women and men. We invite women in particular to apply. As women are underrepresented at IMMS, they will be given priority in the case of equal suitability, ability and professional performance.

ADDRESS:

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