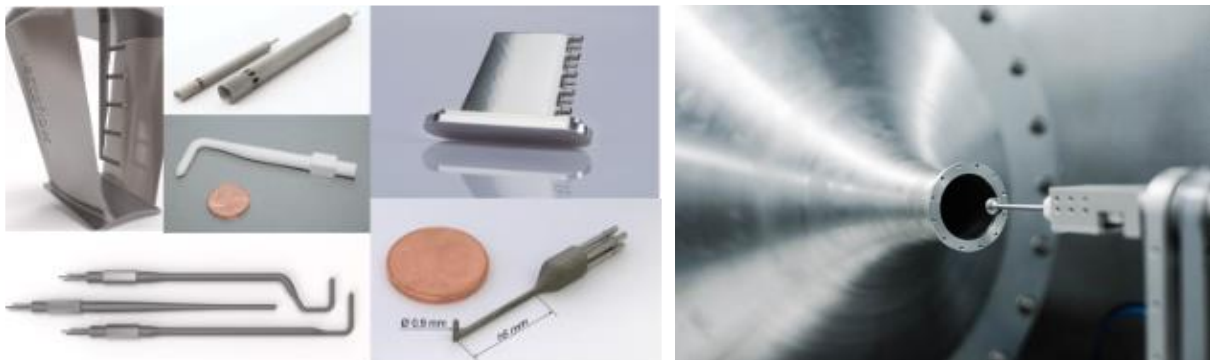


Embedded Software Developer (m/w/d)

About us:

What do Formula 1 racing cars, aircraft engines, drones and wind turbines have in common? In all these applications and many more the aerodynamics are optimized and controlled by products from us - Vectoflow. From an individual probe to a complete system: using 3D printing and smart software solutions, we develop individual flow measurement technology that adapts perfectly to the area of application and delivers reliable results even under difficult conditions.

Vectoflow is a young, innovative, and creative company. We value creativity, team spirit and the courage to break new ground. As a driver of innovation in the field of probes and measurement technology for promising industries such as drones, aerospace, wind energy and aerodynamics, we are already active in our target markets worldwide. Based in Gilching, we serve customers in Europe, Asia, and North America. Who are we looking for? People who think like we do and who want to make a difference! Because we offer them the opportunity to develop in flat structures and to advance our company together. Our team is diverse, international, and passionate. With us, attitude counts just as much as experience and the will to succeed!



Your responsibilities:

Your tasks will include the development of innovative software solutions for inhouse and customer use as well as the support and maintenance of existing functions and packages. As an experienced engineer in the field of embedded systems, you will design and develop advanced applications and systems, considering the product requirements and internal standards. Compliance with aviation standards will also be relevant. With the help of your excellent communication skills and your outstanding technical knowledge you will closely work together with other members from our hardware and software teams. Quality considerations and a structured way of working are what drives you. Ultimately, you are striving to improve your skills, our methods and our products towards excellence to contribute to the success of Vectoflow.

Main activities:

- Development of embedded software architectures for innovative measuring systems
- Software implementation in C, C++, .net and Python
- Cross-platform development
- Development of software upon customer request
- Maintenance and improvement of existing software

Your profile:

- Degree in computer science, software engineering or equivalent with a few years of working experience. Alternatively, comparable professional background with several years of proven professional experience
- In-depth knowledge of above-mentioned languages, as well as software design processes, patterns and projects.
- Knowledge and practical experience with embedded systems, i.e. the interaction between hardware and software, microcontrollers, standard bus systems, sensor integration, flash memory and debugging
- Ideally, experience with measurement methods in experimental aerodynamics and the measurement techniques used in this field
- Ideally, experience in the management of multidisciplinary development projects
- Independent and structured way of working, but at the same time a team player
- Knowledge of LabVIEW would be a plus
- Open to new ideas - Can-do attitude
- Fluency in written and spoken German or English

Your benefits:

- Working in a young, dynamic, and creative team
- Working on actual scientific topics under professional supervision
- Being on the pulse of an innovative & technology leading company
- Flexible working hours for your work-life balance

Contact:

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