# Stellenausschreibung

### Art der ausgeschriebenen Position Zielgruppe ⋈ wissenschaftlich □ Graduierte □ administrativ □ weitere Titel Researcher – Industrial IoT (m/f/d) Zur Institution Fortiss GmbH Zur Position The IIoT competence center of fortiss focuses on the development of computational and networking architectures for advanced IoT applications and use-cases in sectors such as Mobility, Smart Cities, Manufacturing, etc. Areas of interest include, but are not limited to: Edge computing, in particular decentralised edge architectures; deterministic wireless networking (e.g., Wi-Fi 6, 5G/6G, LoRa/LoRaWAN); dynamic container orchestration; information-centric networking; Integration of ML on the Edge including the "far Edge" (end-user and field-level devices). Aufgaben Conduct pioneering and applied research with focus on computational and networking architectures for advanced IoT applications, in areas such as Edge computing; deterministic wireless and cellular networks; Edge-Cloud continuum orchestration; information-centric networking; Edge AI; B5G, Support ongoing national and international research project development, including software development, scientific dissemination, technology transfer. Participate in the supervision of students. Support the development of advanced training activities, e.g., Webinars, seminars, scientific workshops, scientific conferences, summer schools.

strategy.

### Anforderungsprofil

• PhD in computer science, preferably specialization in computer architectures and networking (1-3 years of independent career).

Contribute to the overall IIoT strategy, and to the fortiss

• Good background on wireless/cellular networks. LTE but also: Wi-Fi6/7; LoRa/LoRaWAN etc.

- Good background on IoT overall (Edge/Fog networking architectures; semantic technologies, e.g., WoT; IoT communication protocols, e.g., OPC UA, MQTT, DDS, etc)
- Preferential background on ML engineering (e.g., TinyML, federated learning) within IoT environments.
- Very good publication record in top (IEEE, ACM) academic conferences and journals, area of networking architectures and protocols/IoT.
- Excellent analytical, technical, problem-solving skills.
- Ability to work both autonomously and within a research team involving different levels of researchers (senior, junior, and students).
- Excellent communication skills in English, basic German skills is a plus.

## Zur Bewerbung (Fristen etc.)

- Compensation according to the regulations of the collective wage agreement of the public service of the German states (TV-L)
- A workplace in Munich-Schwabing, which is also very easy to reach by public transport.
- Close cooperation and interaction with industrial and academic leaders in the IoT and AI international domain.
- Possibility to collaborate in research and higher education through closely located universities and research institutes.
- 30 days of holidays.
- subsidies for transportation (MVV), sports and company pension scheme
- Homeoffice (1-2days)
- Opportunities for personal and professional development, such as coaching, individual training, further education opportunities.

Please submit your application with a motivational statement, a detailed CV, a current transcript of records, and a list of references that can be contacted (minimum 2 direct references). References to be contacted are a must.

https://recruitment.fortiss.org/RESEARCHER-INDUSTRIAL-IOT-MFD-de-j242.html

### Kontakt

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