



RESEARCH INTERN (M/F/D)

fortiss (www.fortiss.org) is the research institute of the Free State of Bavaria for the development of software-intensive systems with headquarters in Munich. The scientists at the institute cooperate in research, development and transfer projects with universities and technology companies in Bavaria, Germany and Europe.

Our Machine Learning lab at fortiss is currently working on multiple research problems combining ideas from multiple domains, including Machine Learning, Autonomous Driving, Computer Vision, etc. We are looking for research interns that are passionate about the topics below:

Research intern: optimized machine learning training strategy (m/f/d)

Your tasks:

- Explore automated methods to identify corner cases in real autonomous driving data which also includes GPS and IMU data;
- Implement proposed algorithms based on our existing training pipelines.

Your profile:

- Knowledge in deep learning and computer vision, e.g., object detection and semantic segmentation;
- Experience with GPS, IMU or Lidar point cloud is preferred;
- Familiar with deep learning framework implementations in Python and PyTorch;
- Good communication and scientific writing skills in English;
- The candidate must be pursuing a Master degree in TUM EI.

Our offer:

- 12 credits for a 9-week research internship (Forschungspraxis in TUM-EI);
- The opportunity to write a conference paper with us;
- Knowledge in cutting-edge ML, insightful tech talks and sufficient guidance.

Did we catch your interest?

Please submit your application with a detailed CV and a current transcript of records. We are interested in your previous project experience.

Contact: [Tianming Qiu](mailto:qiu@fortiss.org) (qiu@fortiss.org)