# 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)

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### Your tasks:

- Deploy existing machine learning models on the cloud computing server;
- Build an automatic training pipeline for parameter-tuning;
- Explore different training strategies that mix real and synthetic data;
- Visualize the training outcomes and analyze the results.

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### Your profile:

- Basic knowledge in AutoML;
- Familiar with machine learning training pipelines;
- 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.

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### Our offer:

- 12 credits for a 9-week research internship (Forschungspraxis in TUM-EI);
- Sufficient computing resources;
- Knowledge in cutting-edge ML, insightful tech talks and sufficient guidance.

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### 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.

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