SPLEENLAB

Spleenlab GmbH
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›› spleenlab.ai

Master Thesis / Working Student - Machine Learning

(m/w/d - Full time)

Spleenlab is a Safe Machine Learning Company with the vision to make it safe and easy for people and things to move around fully autonomously. Our core business areas are self-flying cars, drones/UAVs, air taxis, traditional helicopters and aircrafts. We build and deliver machine learning based AI software for the applied robotics market to enable autonomous transportation in safety critical systems. Join Spleenlab and actively shape the future of mobility as a member of our young and agile team of interdisciplinary professionals, guided by renowned AI experts.

Spleenlab always looks for enthusiastic Students doing their Thesis or Internship with us.

In this role, you'll:

- Implement and integrate amazing machine learning solutions for our autonomous systems, including tasks like object detection, semantic segmentation, behavioral cloning or reinforcement learning in close collaboration to the university
- Cutting Edge Research in one of the following applied Robotics domains: Sensor-Fusion, SLAM, Perception, Behavioral Cloning, Motion Planning and Prediction, Environmental Modelling
- Research in one of the following tasks: Domain Adaptation, Self-Supervised Learning, Multiview-Multimodal Systems, Explainable Machine Learning, Reinforcement Learning, Working with Sparse Data (Lidar, Radar)
- Work with self-flying, self-driving and full-autonomous solutions

At a minimum we'd like you to have:

- Student in computer science or a related discipline (e.g., AI, machine learning, statistics, or cognitive science, computational physics, applied mathematics) and have strong programming skills
- Experience with one or more programming languages including but not limited to: C/C++, Python

It's preferred if you have:

- Worked with ROS or similar
- Experience with real-time systems
- Experience in an agile project environment (SCRUM)
- Software Continuous Integration Experience

Benefits: 30 days vacation, flexible working hours, free coffee, modern office, team events

At Spleenlab, we don't just accept difference - we celebrate it, we support it, and we thrive on it for the benefit of our employees, our products and our community. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity. We consider all qualified applicants, in accordance with the legal requirements. If you have a disability or special need that requires accommodation, please let us know.

Interested? Please send your resume and cover letter to contact@spleenlab.com