

The Bosch IoT Lab at the University of St. Gallen and ETH Zurich is looking for:

## Research Assistant and PhD Student « Driver Health Analytics »

Our research is driven by the ambition to create a meaningful impact for the better and to conquer fundamental challenges of our society. Despite the developments in automotive technology, traffic fatalities are still one of the leading causes of death. Drunk driving alone kills 30 people every day in the United States. Our research aims to reduce traffic accidents due to alcohol and impaired driving by drawing upon recent advances in automotive technology, artificial intelligence, and statistical modeling.

Are you eager to advance automotive technology to prevent accidents and make Vision Zero (accidents) a reality? Do you have the capability to develop machine learning algorithms based on vehicle data and bring software engineering skills with you to realize solutions that gather and process vehicle data? Do you want to work at the intersection of theory and practice? The Bosch IoT Lab under the guidance of Prof. Dr. Felix Wortmann is looking for you!

### What we offer:

- Unique possibility to **apply advanced analytics** (machine learning and statistical modeling) and **develop actionable software** solutions that create an impact
- A highly **motivated team of young researchers** in an **interdisciplinary setup** with medical and industry partners
- **Direct project responsibility** and **close relationships with our research partners**, e.g., Bosch, car manufacturers, and renowned universities
- **Good conditions and work environment** and the normal duration for successfully obtaining a PhD in our team is **3 1/2 years**

### Whom we are looking for:

- High interest in **developing machine learning algorithms** based on vehicle data and **software engineering skills** to realize solutions that gather and process vehicle data
- **Technology background**, e.g., in computer science, information systems, or engineering with experience in project management to conduct unique driving studies
- **Master's degree** with a GPA (Grade Point Average) of **at least 5.0 (GPA of 2.0 and better in Germany or Austria)**
- Profound knowledge of **German and/or English** (written/oral)

Are you interested? We are looking forward to receiving your application (including CV, university transcripts, references, and a motivation letter) via e-mail to [felix.wortmann@unisg.ch](mailto:felix.wortmann@unisg.ch).

The Bosch IoT Lab (<https://www.iot-lab.ch/>) is a cooperation between the University of St. Gallen, ETH Zurich, and the Bosch Group. We explore disruptive Internet of Things (IoT) products and investigate IoT business models.