

## Student Internships and Part Time Jobs @ the 360Lab

### Topic: Applied Data Science

#### Summary:

The 360Lab at the Interdisciplinary Research Centre for Security, Reliability and Trust (SnT) of the University of Luxembourg, is the first thematic research laboratory focusing on smart mobility.

The purpose of the 360Lab is to serve as an umbrella for research projects sharing common equipment and complementary expertise to conduct strategic and collaborative research in the broader area of mobility innovation.

The topics of interest include but are not limited to: Connected and Automated Driving, Machine Learning, Data Science, Sensing Technologies, Mobility Modeling and Simulation, and Transportation Planning.

For more information visit: <https://360lab.uni.lu/>

#### Your role:

Assist a team of researchers to run scientific experiments on various datasets. Specific tasks include:

- Collect, understand, and process large quantities of heterogenous data
- Label, preprocess, and format data
- Run machine learning experiments and interpret results
- Fine-tune experiments to increase performance

Specific internships / thesis projects are available upon request.

#### Requirements:

1. Bachelor or Master student in Computer Sciences or equivalent engineering degree
2. Experience with machine learning frameworks (Tensorflow, PyTorch)
3. Good knowledge of Linux based operating systems
4. Good development skills (Python, C/C++, Java or any other server-side language)
5. Good knowledge of database technologies and languages
6. Fluent in English (oral and written)

If you are passionate about data science and like hands-on research within a team, please get in touch with us. Applications are welcome at any time of the year. Timing and specific project will be mutually agreed upon.

#### Organization:

- Location: SnT Research Center of the University of Luxembourg, Luxembourg City
- Expenses will be covered by a monthly lump sum

#### Contact:

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