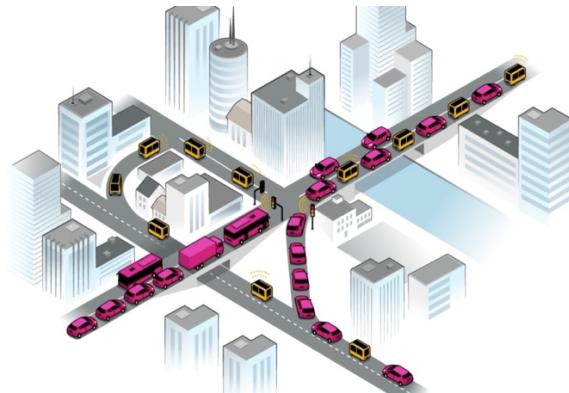


## 6-months paid student scholarship in Reinforcement Learning (3 positions)

Join our group ([www.rafalkucharskilab.pl](http://www.rafalkucharskilab.pl)) to research future of urban transport systems with autonomous vehicles.



- You will work in the international team and simulate how Connected Autonomous Vehicles will impact the human drivers in urban transport systems.
- You will help to extend our software (**torchRL** framework with SUMO environment) with new functionalities and algorithms (from ML, Game Theory, RL, Multi-Agent Systems, etc.).
- You will run experiments with state-of-the-art and custom Multi-Agent Reinforcement Learning algorithms to test their properties.
- You will interpret the results and draw conclusions for future COeXISTENCE of humans and machines in the cities.
- You will work in our lab (WMiL UJ) 3 days a week on your research topic.

Which can become part of Your Master Thesis, internship, or part of personal development.

We offer **6 months part-time employment** with the remuneration of ca. **3 400,00 PLN per month** starting from the **1<sup>st</sup>** of January 2026.

If you are interested, please send to [coexistence@uj.edu.pl](mailto:coexistence@uj.edu.pl):

- CV
- **Motivation letter** with overview of your skills and development plans
- or **GitHub** portfolio

Deadline: **TBA**

For further inquiries, please contact Prof. Rafal Kucharski at [coexistence@uj.edu.pl](mailto:coexistence@uj.edu.pl) or visit the projects' website: <https://www.rafalkucharskilab.pl/research/coexistence/>.

