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# MIKITA SAZANOVICH

[Personal website](#)
[Github profile](#)

## EDUCATION

| **Saint Petersburg, Russia** | **Higher School of Economics** | **Sep 2019-Jun 2021** |
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- Studying towards a Master's degree in Computer Science.

| **Saint Petersburg, Russia** | **Higher School of Economics** | **Sep 2015-Jun 2019** |
|---|---|---|

- Graduated with a Bachelor's degree in Computer Science with distinction.
- GPA: 9.9 out of 10.
- Coursework: Image Analysis, Web Searching and Ranging, Deep Learning, Machine Learning I, Machine Learning II, Natural Language Processing, Speech Recognition and Generation, Reinforcement Learning, Parallel Programming, Databases, Building Database.

## PROFESSIONAL EXPERIENCE

| **Toronto, Canada** | **Research Intern** | **Jul 2019-Sep 2019** |
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| | **Uber** | |

- Worked on self-driving research with the Advanced Technologies Group's R&D lab.
- In particular, explored domain adaptation methods for deep semantic understanding models. The idea was to adapt a model to perform uniformly in both the simulator and the real world.

| **Los Angeles, United States** | **Software Engineering Intern** | **Jun 2018-Sep 2018** |
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| | **Google** | |

- Worked on developing debugging tools for Google Drive. I was conducting interviews with engineers regarding wanted features, accordingly updating backend APIs, incorporating them into the debugging service and integrating with the frontend.

| **Zürich, Switzerland** | **Software Engineering Intern** | **Jul 2017-Sep 2017** |
|---|---|---|
| | **Google** | |

- Worked on improvements and experimental features for Google Calendar's meeting scheduling services for enterprise users. Involved product discussions and algorithm design.

## ADDITIONAL EXPERIENCE

### Open Source Projects

- **[Reinforcement Learning from Massive Human Demonstrations](#)** — explored how different volumes of human demonstrations affect a DQN agent's performance in the Dota 2 environment. I discovered that the optimal volume is neither one nor all the demonstrations.
- **[Domain Randomization for Improving Road Segmentation Trained on Simulated Data](#)** — researched domain randomization technique for the better road segmentation model transfer from a simulator to the real world.
- **[Reinforcement Learning Algorithms](#)** — provided implementations of classic RL algorithms.

### Competitive Programming

- Placed at the top 10% and won a silver medal at The International Olympiad in Informatics 2015.
- Absolute winner of the Belarusian National Olympiad in Informatics 2015 and 2014.

## TECHNOLOGIES

- Languages: Python, JVM family (Java, Kotlin, Scala), C++.
- Frameworks: PyTorch, TensorFlow.
- Libraries: NumPy, scikit-learn, OpenCV.
- Tools: PyCharm/IntelliJ IDEA, Jupyter Notebook, TensorBoard, Anaconda, virtualenv, Ubuntu.