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Mikita Sazanovich

GitHub profile
LinkedIn profile

Education

Saint Petersburg, Russia **Higher School of Economics** **Sep 2019 - Jun 2021**

- Starting a MS degree in Computer Science.

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

- Graduated with a BS 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, Reinforcement Learning, Speech Recognition and Generation, Parallel programming, Databases, Building Database.

Professional Experience

Saint Petersburg, Russia **JetBrains Research** **Since Fall 2018**

- Title: Junior Researcher.
- Working with the research group in Agent Systems and Reinforcement Learning.
- 1st place in AI Driving Olympics II at ICRA 2019 by using a convent for scene understanding.
- 4th place in AI Driving Olympics I at NeurIPS 2018 by using an end-to-end deep reinforcement learning model.

Los Angeles, United States **Google** **Summer 2018**

- Title: Software Engineering Intern.
- 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.
- Used Java, RxJava-like framework, gRPC, Microservices platform and Database services.

Zürich, Switzerland **Google** **Summer 2017**

- Title: Software Engineering Intern.
- Worked on improvements and experimental features for Google Calendar's meeting scheduling services for enterprise users. Involved product discussions and algorithm design.
- Used Java, Guice, Protocol Buffers and Dagger Producers-like framework.

Additional Experience

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.

- **Context Helper** — developed a plugin for IntelliJ IDEA which helps Java developers to find StackOverflow discussions that are relevant to their source code context in IDE. Optimized the experience by creating a corpus of data from StackOverflow and measuring the success of different methods on it. Presentation.

Competitive Programming

- **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 (Java, Kotlin, Scala), C++.
- Frameworks: TensorFlow, PyTorch.
- Libraries: NumPy, scikit-learn, OpenCV.
- Tools: PyCharm/IntelliJ IDEA, Jupyter Notebook, TensorBoard, Anaconda, virtualenv, Gradle, Unix, bash, git, Perforce.