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MIKITA SAZANOVICH

Personal Website
GitHub Profile

SUMMARY

I have diverse experience in Software Engineering, Machine Learning, and Competitive Programming through multiple internships and competitions.

EDUCATION

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

- Studying towards a Master's degree in Computer Science. GPA: 9.9 out of 10.

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

- Graduated with distinction with a Bachelor's degree in Computer Science. GPA: 9.9 out of 10.

PROGRAMMING LANGUAGES AND SOFTWARE

- Languages: Python, JVM family (Java, Kotlin, Scala), C++, Haskell.
- Databases: SQLite, Google Colossus.
- Frameworks: PyTorch, TensorFlow.
- Libraries: NumPy, SciPy, Pandas, Scikit-learn, OpenCV, Mathplotlib.
- Tools: PyCharm/IntelliJ IDEA, Jupyter Notebook, TensorBoard, Anaconda, virtualenv, Docker.
- Platforms: AWS EC2.

INDUSTRY EXPERIENCE

Zürich, Switzerland **Google** **Dec 2019-Apr 2020**
SWE Intern in Research **(4 months)**

- Worked at the TensorFlow Ecosystem team, where I developed a large-scale (3.4 billion parameters) natural language understanding model in TensorFlow and Python. The model increased the overall metrics by 2% with some tasks reaching up to 20% improvement.
- Contributed to the design of the second version of the internal machine learning framework written in C++.

Toronto, Canada **Uber** **Jul 2019-Sep 2019**
Research Intern **(3 months)**

- As a part of the Advanced Technologies Group, I implemented an effective method of using simulated data for safe real-world machine learning in PyTorch and Python.
- Contributed to and co-authored a CVPR 2020 paper on LiDAR simulation.

Los Angeles, United States **Google** **Jun 2018-Sep 2018**
SWE Intern **(3 months)**

- Developed the next iteration of debugging tools for Google Drive in Java. The tools are used by tens of engineers internally.
- Conducted interviews with engineers regarding wanted features, updated backend APIs, incorporated them into the debugging service and integrated with the frontend.

Zürich, Switzerland **Google** **Jul 2017-Sep 2017**
SWE Intern **(3 months)**

- Designed and launched an experimental feature for scheduling services in Google Calendar.
- The project was implemented in Java, and involved product discussions and algorithm design.

ADDITIONAL EXPERIENCE

Competitive Programming

- The 27th International Olympiad in Informatics, top 10%, silver medal, 2015.
- The 28th Belarusian National Olympiad in Informatics, absolute winner, 2015.
- The 27th Belarusian National Olympiad in Informatics, absolute winner, 2014.
- The 26th Belarusian National Olympiad in Informatics, gold medal, 2013.

Open Source Projects

- Context Helper (2017-2018) — developed and published a plugin for IntelliJ IDEA.
- Blackout (2016) — implemented a game for Android with libGDX.
- Contribution to GHC (2016)— resolved and committed a Glasgow Haskell Compiler request.