Natalia Denisenko

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Education

National Research University "Higher School of Economics"   **Moscow, Russia**
Bachelor of Science in Applied Mathematics and Computer Science. 3.5/4 GPA   *2018 – 2022*

Relevant courses:

- Algorithms and Data Structures
- C++ programming
- Machine Learning
- Java
- Python programming
- Probability theory
- Deep Learning
- Minor in Bioinformatics

Experience

Google, Remote EMEA STEP internship   **London/Moscow**
Intern   *06 July 2020 - 25 September 2020*

- A web server project with multinational team of two interns and two mentors
- We used multiple google APIs such as: dataStore service, cloud store, maps API
- Also, Google project system was used to write the code, test it, and in the end, deploy it using maven
- Our server allows multiple people to create and edit their future traveling route simultaneously
- At the request of users, route could be simplified using directions API
- Favourite routes could be stored and later restored at any time (⭘ TheGlobetrotter)

Projects

Yandex   **Sochi, Russia**
                                                                            Autumn 2019

- Scientific and practical reproduction of state-of-the-art scientific results
- Team project of three students and two mentors
- Implemented generative adversarial network with protection against attempts to obtain the original data using Membership Inference Attacks (⭘ Private-ML)

National Research University "Higher School of Economics"   **Moscow, Russia**
                                                                            2019-2021

- Implemented EM algorithm for expert's assessment
- Implemented LSTM cell and its RNN layer
- Implemented Boosting and Bagging
- Deployed model for MNIST classification with SVM and keras approximation
- Implemented model for fine motor skills recognition using LSTM
- Implemented model to classify code chunks, collected from Kaggle competitions

Achievements and Awards

1st degree award in "Lomonosov" MSU olympiad in Informatics   *2018*
1st degree award in SPbSU olympiad in Mathematics   *2018*
Scholarship From the President of the Russian Federation   *2018*
1C scholarship for the success of team project in fine motor skills recognition   *2020*
State Scholarship for high academic achievements (HSE)   *2018-Present*

Key Skills

Programming Languages: Python, C/C++, Java, JavaScript, HTML, CSS
Languages: Russian (native), English (fluent)