Ilia **Udovin**

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Education

MIPT (Moscow Institute of Physics and Technology)   Dolgoprudnyy

Bachelor: Applied Mathematics and Physics   Aug. 31, 2018 – Aug. 31, 2022

- Average score: 6.1/10.0
- Current ranking in faculty: 160/221

Subjects

Math

Calculus, Linear Algebra, Differential Equations, Boolean Algebra, Combinatorics, Graph Theory, Statistics

Computer Science

Algorithms, Computer Architecture, Multithreaded Programming, Object Oriented Programming, Machine Learning, Optimization

Physics

Mechanics, Thermodynamics, Electricity and Magnetism, Optics, Theoretic Mechanics, Lab Practical

Project specialization class in ICT

Machine learning project   Feb. – May 2020

- Worked in team on making program which removes noise from the audio track
- Made noise classifier with recurrent neural networks

Multithreaded programming   Sep. – Dec. 2019

- Made program for parallel searching of pattern in files using C
- Made lightweight command shell for unix using C and C++

Skills

Programming	Python, C/C++, SQL
ML & data analysis	Python libraries: numpy, scipy, tensorflow, sklearn, matplotlib, seaborn, pandas
Languages	Russian (Native), English (Advanced), French (Basic)

Extracurricular Activity

MIPT Debate Club

Finance manager   Sep. 2019 – May 2020

- Obtained and distributed funds for a club
- Organized tournament for more than 50 people in Dec. 2019

Student Project Office

- Worked on project of learning management system
- Created new design of personal profile of the student on mipt.ru

Other hobbies

GUITAR AND BASS

- Played and wrote music in a band
- Performed in an ensemble at concerts