

# DENISHEVA RUSHANA

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## EDUCATION

- Moscow Institute of Physics and Technology (MIPT)**  
*Bachelor of Department of Radio Engineering and Computer Technology (DREC)*  
◦ Average Score: 8,63  
Moscow, Russia  
September 2021 - Present
- Lyceum of the Belarusian National Technical University**  
*physics/math class*  
Minsk, Belarus  
September 2019 - June 2021

## ADDITIONAL EDUCATION

- Applied Data Analysis**  
*Successfully completed a course on machine learning from IITP RAS*  
Online  
February 2024 - May 2024
- ”CS224N: Natural Language Processing with Deep Learning”**  
*Natural language processing course from Stanford University*  
Online  
July 2024 - Now
- Course ”Business Programming Paradigms: Databases and SQL”**  
*A year-long course in databases and data analysis from a computer company NIX*  
Moscow, Russia  
Sept. 2022 - May 2023
  - [Mini-projects using graphs, logs, and analytical compilation of databases](#)
  - Basic knowledge of SQL

## EXPERIENCE AND PROJECTS

- Internship at IRA Labs**  
*Internship at the research team that studies machine learning methods in biomedical problems*  
July 2023 - September 2023
- Published article ”Fairness of deep learning models in 3D medical image segmentation task”**  
*My paper published in the Proceedings of the 47th Interdisciplinary School-Conference of ITTP RAS*  
September 2023
- Hough Algorithm for Detecting Lines**  
*This project implements the Hough transform algorithm for detecting lines in images and includes several Nox sessions*  
May 2024
- Computer vision system for photo processing**  
*Building a model that will determine the approximate age of a person from a photograph.*  
June 2024

## PROGRAMMING SKILLS

- **Languages:** Python
- **Technologies:** MS SQL, git
- **Libraries:** numpy, pandas, matplotlib, scipy, seaborn, sklearn, pytorch, keras

## ADDITIONAL INFORMATION

- **Environments of interest:** Machine Learning, Neural networks
- **Languages:** English (C1), German (B1)
- **Personal traits:** responsibility, punctuality, purposefulness