Sergey **Ilyev**

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Education

MIPT(Moscow Intsitute of Physics and Technology)   *Dolgoprudny, Russia*

B.S. in Applied Mathematics and Physics   *Sep. 2020 - Jul. 2024*

Docker

Karpov.Courses   *Aug. 2023*

Simulator SQL

Karpov.Courses   *Jul. 2023*

Python Programming for Data Analysis

Coursera   *Jan. 2022*

Skills

Programming languages	Python, SQL, C++ (STL, Boost, Qt, SFML), Matlab
Languages	English, Russian
Data Science	Matplotlib, Pandas, NumPy, Seaborn, Sklearn, Redash
CI/CD	GitHub Actions, Docker, Ansible
Desktop Development	Qt, aiogram
Other	Git, LaTeX

Projects

run-tracker

Telegram bot for run tracking   *Jul. 2023 - Aug. 2023*

- Developed using Aiogram
- Based on Telegram Bot API
- Works with SQLite
- Hosted on VPS
- CI/CD pipeline: GitHub Actions, Docker, Ansible

anki-lazy-english

Desktop app for expanding English vocabulary   *Mar. 2023 - Apr. 2023*

- Developed using PyQt
- Based on Anki
- Works with APIs
- Supports multithreading
- Deployed as executable file for Windows

Work Experience

Laboratory of Advanced Data Storage Concepts, MIPT   *Dolgoprudny, Russia*

Laboratory Technician   *Jul. 2023 - now*

- Modeled a field-effect transistor based on the MFMIS structure and analyzed its characteristics.