

Oleg Rudenko

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EDUCATION

- Higher School of Economics** Moscow, Russia
 - Bachelor of Engineering and Technical Science: Applied Mathematics* *Sept. 2021 - Jun. 2025*

Relevant courses: Computer Science, Functional Analysis, Probability Theory and Mathematical Statistics

EXPERIENCE

- Altayvitaminy trading** Moscow, Russia
 - Data scientist intern* *July 2022 - Aug. 2022*

MS SQL Server Excel Statistics

 - Evaluate the payback of the advertising campaign of drugs, saved the company 4% of advertising spending.
 - Research of external and internal data, correction of the business model

PROJECTS

- Backend for Trading App** *Feb.2023 - Present*

Python FastAPI PostgreSQL PyTest SMTP Redis

 - Implemented asynchronous work with PostgreSQL.
 - Created cache tools via Redis and background tasks with Redis, Celery and Flower.
 - Tested the API with PyTest and PyTest-asyncio.
- Online store** *Nov.2022 - Dec.2022*

Python Django SQLite UnitTest SMTP

 - Implemented a full authentication service: registration, login, logout.
 - Created the database using the TDD method.
 - Tested the API with UnitTest.
 - Implemented sending emails via SMTP.
 - [FrontEnd](#) has been created.
- ToDo Website** *Oct. 2022*

Python Django HTML CSS Git

 - Created a profile creation service.
 - Implemented a service for working with tasks: add, change, delete, complete.
 - Implemented personal data protection.
- Route optimization for visiting points of interests** *Apr. 2022 - May 2022*

Python API

 - Implemented a service for obtaining data and putting them on the map via OpenRouteService APIs.
 - Created a map with plotted points, available zones and routes.
 - Implemented the shortest path search algorithm

PROGRAMMING SKILLS

- Languages:** Python, C++, C, SQL (PostgreSQL, MySQL, SQLite)
- Technologies:** Django, FastAPI, Docker, Ansible, Kubernetes, RabbitMQ, Redis, Git
- Knowledge:** Algorithms, Data Structures, Microservices Architecture, Network Protocols.