Anastasia Lelekova

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EDUCATION

Higher School of Economics National Research University   Moscow, Russia
Bachelor of Software Engineering   *Expected Graduation, Jun 2027*
GPA: 8.89/10, Percentile: 5.7%

Secondary school with in-depth study of individual subjects No. 38   Voronezh, Russia
With a certificate with honors and a gold medal   *Graduated, Sep 2021 - Jun 2023*
GPA: 5.0/5.0

PROJECTS

AutoImportBot: Telegram bot for car import cost evaluation   *May 2024*
- Developed a Telegram bot using Python and aiogram to evaluate the cost-effectiveness of importing cars from Korea to Russia by parsing HTTP and HTTPS listings from Encar.com and Auto.ru, and calculating import duties, taxes, and fees.
- Integrated currency exchange rates using APIs, processed data with JSON, numpy, and pandas, and matched Korean car listings with similar Russian cars using sklearn's vector similarity and Euclidean distance algorithms.
- Utilized Docker for containerization, logging for monitoring and debugging, and managed version control and collaboration through git and GitHub.

Telegram CSV and JSON Processor Bot   *Mar 2024*
- Developed a Telegram bot in C# for processing CSV and JSON files using Microsoft.Extensions.Logging, Telegram.Bot, CsvHelper, and Newtonsoft.Json.
- Implemented functionality to upload, filter, sort, and download processed files using LINQ for data operations, with robust error handling and input validation.
- Hosted the bot on a cloud platform, ensuring efficient handling of peak loads with thorough testing and debugging for seamless user experience.

JSON Data Management Tool   *Jan 2024*
- Developed a C# application for managing JSON data, featuring a class library for JSON parsing and a console application for user interaction.
- Implemented manual JSON parsing and serialization without third-party libraries, ensuring direct control over data handling.
- Designed and utilized interfaces to adhere to design principles like Single Responsibility and Dependency Inversion, enhancing code modularity and maintainability.

CSV Data Management Tool   *Dec 2023*
- Developed a robust C# application for managing CSV files, incorporating a class library for core functionality and a console application for user interaction.
- Implemented core classes and data structures for CSV handling, adhering to OOP principles.
- Integrated features for opening, viewing, sorting, filtering, and saving CSV data, with comprehensive error handling and user input validation.

ACHIEVEMENTS

Moscow School Olympiad   Moscow, Russia
Diploma of the winner   *May 2023*
- The qualifying stage was held, the final consisted of two days, where there were ideologically difficult tasks.
- One of the most prestigious olympiad in mathematics in Russia.

All-Russian Presidential Educational Center "Sirius" alumnus   Sochi, Russia
Programming shift   *Feb 2021*
- We developed a full-fledged educational application in trams, successfully presented this work to modern students.

ADDITIONAL

- Relevant Courses: Programming in C# and C++, Introduction to cloud technologies, Linear algebra, Calculus, Discrete mathematics, Economy.
- Programming languages: Python, C++, C#, Go, SQL, HTML/CSS.
- Tools/Technologies: Git, Docker, Linux, Vim
- Fluent in English, blindly typing, sportsman, non-drinker, non-smoker, car-driver, living separately since 15.