ARSENIY BARASHKO

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EXPERIENCE

C++ Developer   Apr 2024 - Oct 2024
Computer Vision Systems   *Saint-Petersburg, RUS*

- Developed and optimized algorithms for computer vision applications.
- Wrote unit tests using Gtest to ensure robust and stable algorithm performance.
- Utilized machine learning techniques for defect detection and visual data analysis.

Fullstack Developer   Sep 2022 - Now
Barashtech   *Saint-Petersburg, RUS*

- Developed and optimized warehouse management systems and sales analytics using Django.
- Optimized system communication and performance in C++ projects.
- Integrated Binance API with real-time WebSocket handling using binacpp.
- Designed scalable service architectures with an emphasis on performance.

EDUCATION

Bachelor of Software Engineering and Computer Science:
National Research ITMO University   2023 - 2026

PROJECTS

[Search-Server](#)
Backend of a search server: C++

- Implemented document arrangement by request frequency
- Developed document filtering on the information content

[Shop-Without-Cashier](#)
Realisation of shop without cashier: Python, OpenCV, Django Framework, SQLite

- Using ML for recognition users
- Automatic sales system by user's face
- Work with back-end of this project (camera work, face recognition, QR decoder, Data bases)

[Wordly Game](#)
Game in Telegram: Go

- Implemented the game logic and added new features in game
- Came up with the logic of the competition

EXTRA-CURRICULAR ACTIVITIES

- Participated in Yandex Cup 22
- [LeetCode](#)
- Deep Learning School course(MIPT)

SKILLS

Programming Languages:	C/C++, Python, PosgtreSQL, Java, Go
Skills:	Algorithms and Data Structures, Calculus, Linear algebra, ML, front/back end
Languages:	Russian (native), English (upper-intermediate)
Technologies:	git, PyTorch, OpenCV, docker, Linux, Ngrok, Nginx