Nikolas Evsiukov

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EDUCATION

Moscow Institute of Physics and Technology — Moscow, Russia
Bachelor of Applied Mathematics, Physics and Computer Science — *Sept. 2019 – Aug. 2023 (Expected)*
- GPA: 9.2 of 10

PROJECTS

WildHack — strategy game — *May 2020*
`C++` `Qt` `Design patterns` `CI`
- Taught myself *Qt* in a month and collaborated with a classmate to develop the cross-platform game.
- Implemented clear and flexible architecture by learning *design patterns*.
- Developed game core on *C++* and GUI on *Qt*.
- Built a continuous integration pipeline that automates the process of unit testing, GUI testing, documentation generation, and game distribution.

Time-management website — *Apr. 2020*
`Python` `Django` `Web` `PostgeSQL` `Docker` `CI`
- Taught myself *Django* framework in 3 weeks and developed backend, launching with *PostgreSQL* database.
- Designed frontend using HTML/CSS and Bootstrap library.
- Learned *Docker* and built a continuous integration pipeline that automates the process of unit testing and deployment.

Self-driving logistic system (Bootcamp) — *July 2018*
`C++` `C` `ROS`
- Taught myself *Robot Operation System* in a week and developed microservices on *C++* for robot navigation and communication.
- Exploring documentation, fixed an unexpected problem with microservice-sensor communication appeared just before the deadline.

Universal Bluetooth Controller — *May 2018*
`Java` `Android`
- Taught myself development for Android in 2 months and developed a mobile app for creating custom Bluetooth controllers.
- Implemented the GUI system for an easy controllers configuration.
- Adapted this app for using as a controlling interface for the robotic goat in local museum.

ACHIEVEMENTS

1st place in project competition (Analysis of the load structure of the consumer) — *Aug. 2018 – Feb. 2019*
`C++` `C` `Mobile development` `Microcontrollers`
- Working with a team, this began as an education project that I drove to completion so our team take 1st place (of 384) in the All-Russian project competition "Energy breakthrough" and get a partnership with the biggest energy transfer company in Russia.
- Designed server's architecture and implemented it using *C++* and *PostgreSQL*.
- Fixed the problem with a slow transferring a large amount of data for machine learning algorithm by learning WebSocket protocol fastly and optimized communication with the server.

SKILLS

- **Programming languages**: C++, Python, C, basic knowledge of Java.
- **Technologies**: Git, GitHub Action, Django, Qt, Docker.
- **Knowledge**: Algorithms, Data Structures.
- **Other**: Linux, LaTeX.

OTHER

- Contributed to the faculty website project.
- Maintained the faculty git repository of LaTeX lecture notes.
- Took part in the All-Russian educational conference "Digital lesson" for school students as a speaker.