Kirill Zavadsky

Personal Info

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Skills

- C++
- Python
- Algorithms
- Git
- SQL
- Teamwork
- Creativity
- Problem-solving
- Communication
- Adaptability

I am a second-year student in the Applied Informatics program at Belarusian State University (BSU), specializing in software development. With strong skills in programming languages such as
C++, Python, C#, Java, HTML, and Swift, Iam also proficient in working with SQL databases and Git. Additionally, I possess
knowledge of algorithms, the basics of computer graphics and Computer science.

I am a dedicated and driven individual with a passion for problem- solving and a demonstrated record of achievement, including a 3rd degree diploma at the national Olympiad in mathematics and 1st
and 2nd degree at the regional Olympiad in mathematics. My participation in the Olympiad in informatics, mathematics, and
physics has further honed my analytical and critical thinking abilities, which Iam eager to apply in the field of software development.

As I continue to pursue my degree in Applied Informatics, I am seeking opportunities to gain practical experience and further develop my skills. With my technical expertise and academic achievements, I am confident that I can contribute to innovative and impactful projects and bring value to any team or organization in the field of software development.

I am excited to explore new opportunities to apply my skills and knowledge and take the next steps in my career. I am confident that my passion for problem-solving and my commitment to excellence make me a valuable addition to any employer seeking a skilled and dedicated software developer.

Projects:

Telegram bot for checking train availability and sending out ticket information (Python, SQLite, BeautifulSoup, PyTelebot):
Creating a Telegram bot that checks for free train availability and allows users to sign up for ticket availability.
Using Python, SQLite database, BeautifulSoup library to collect information from web pages, and PyTelebot library to create a Telegram bot.
(https://github.com/artyomshpakovski/bot_telegram)

Lab work on computer graphics programming:
Color Converter (C++, QT):
Creating a color converter to translate RGB, CMYK and HEX color models
(https://github.com/Kiriller102/PCG/tree/main/Lab_1)

Creating an application for reading basic image information from graphic files (C++, QT, openCV):
(https://github.com/Kiriller102/PCG/tree/main/Lab_2)

Creating an application illustrating the work of basic raster algorithms, including the step-by-step algorithm, the CDA algorithm, the Bresenham algorithm, the Bresenham algorithm for circles (Python, pyGame)
(https://github.com/Kiriller102/PCG/tree/main/Lab_4)

Solving systems of linear algebraic equations using different methods (Python, numpy): Gauss, square root, simple iterations, and Gauss-Seidel.
(https://github.com/Kiriller102/SLEs_Solution)

Education

Bachelor's, Belarusian State University (2 course)
September 2021 - June 2025