



Bartosz Włodarczyk

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🐙 bewuwy

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Education

- 2024 – 2027  **Delft University of Technology** - Bachelor of Computer Science and Engineering
- 2020 – 2024  **Batory High School in Warsaw** - International Baccalaureate Diploma Programme (Higher Level: Mathematics Analysis and Approaches, Physics, English)

Skills




- Languages  **English** - fluent
German - B2+
Polish - mother tongue
- Coding  Python, Rust, SQL, C++, C#, some experience in: Java, LaTeX
- Web Dev  HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Next.js, Angular

Awards and Achievements






- 2024  **Best mathematician graduate award**, *Lukasiewicz award*, awarded by my high school annually to the best graduate in the field of Mathematics.
- 2023  **Honorable mention**, 9th annual International Mathematical Modelling Challenge, a contest organised, among others, by Freudenthal Institute.
 **Special recognition award**, *Matużytkownicy* national mathematical modelling contest organised by Warsaw University of Technology.
- 2022  **Merit Award**, Singapore International Mathematical and Computational Senior Challenge organised by National University of Singapore High School - won the silver medal.
 **Top 10% rank** in *Náboj* 2022 Juniors international mathematical competition organised, among others, by ETH Zürich and University of Cambridge.

Experience






Training courses

- 2023  Series of robotics and **Arduino** workshops at Warsaw University of Technology
- 2019  **Python** “Young Programme” programming course at Warsaw University of Technology
- 2018  **C++** “Young Programmer” programming course at Warsaw University of Technology

Professional experience

- 2024  **QuickQueue** - a demo of a queue system with numbered tickets written in Next.js and using PostgreSQL for database. Source code: <https://github.com/bewuwy/quick-queue>
- 2023  **Advent of code 2023** - I participated in Advent of code 2023 edition. Source code of my answers (written in Python): <https://github.com/bewuwy/adventofcode2023>
 **Battlecode 2023** - I worked together in a group to program an autonomous bot (in Java) for the tournament organised by MIT. Source code: <https://github.com/bewuwy/bc-23>
 **Neo Anki Leaderboard** - a simple extension for the Anki program adding a leaderboard written in Python. I also created a webpage in SvelteKit and a PostgreSQL database to host the leaderboard online. Source code: <https://github.com/bewuwy/Neo-Anki-Leaderboard>
 **Blog website** - I designed and deployed a simple blog using 11ty and Tailwind CSS. Source code: <https://github.com/bewuwy/the-blog>

Experience (continued)

- 2022-2023  **revers.io** - an online implementation of the Reversi/Othello board game supporting multi-player. The webpage was designed in Figma, written in Angular and is using Google's Firebase database. Source code: <https://github.com/bewuwy/revers.io/>
- 2022  **Airplane boarding simulator** - I created this simulator in Python using PyGame for a math modeling problem I had to solve. Source code: <https://github.com/bewuwy/airplane-boarding>
-  **Flappy Bevy** - a very simple clone of Flappy Bird, which I have written in Rust programming language using the Bevy game engine. Source code: https://github.com/bewuwy/flappy_bevy
- 2020-2023  **Personal website** - my personal (bewu.dev) website, which I have been designing and changing for the past three years. Running on Next.js with custom CSS stylesheet. Source code: <https://github.com/bewuwy/bewuwy>
- 2020  **Minecraft plugin** - a simple Minecraft plugin I wrote in Java. Source code: <https://github.com/bewuwy/lives-plugin>