

Bartosz Włodarczyk

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🐙 bewuwy

🌐 bewu.dev

Education

- 2024 – present 📖 **Delft University of Technology** - Bachelor of Computer Science and Engineering
- 2020 – 2024 📖 **Batory High School in Warsaw** - International Baccalaureate Diploma Programme

Skills

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

Awards and Achievements

- 2023 📖 **Honorable mention**, 9th annual International Mathematical Modeling Challenge, a contest organised, among others, by Freudenthal Institute.
- 📖 **Special recognition award**, *Matużytkownicy* national mathematical modeling 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 Programmer" programming course at Warsaw University of Technology
- 2018 📖 **C++** "Young Programmer" programming course at Warsaw University of Technology

Professional experience

- 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>
- 2022-2023 📖 **revers.io** - an online implementation of the Reversi/Othello board game supporting multiplayer. The webpage was designed in Figma, written in Angular and is using Google's Firebase database. Source code: <https://github.com/bewuwy/revers.io/>

Experience (continued)

- 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>