Benjamin Jurewicz

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About Me

I am a 3rd year Computer Science student at Gdańsk University of Technology. I have been interested in computers since my youth, developing my skills more broadly in high school, where in my free time I learned about topics that interested me. I became most interested in C++ programming and the Linux system. I also learned the basics of web development, network configuration, and server administration. Currently I am interested in creating web applications and learning about developing programs for embedded systems.

Education

Gdańsk University of Technology *2023 — Current*
Bachelor's degree | **Computer Engineering**

1st High School named after Jan Kochanowski in Olecko *2019 — 2023*
Advanced level subjects: **Mathematics, Computer Science, English**

Projects

Infix To Postfix Converter

Source: github.com/BenJurewicz/Sem2-AISD-Projek1-Infix-To-Postfix-Converter

Converts infix to postfix notation with support for additional functionality such as IF, MAX, MIN and negation functions. Afterwards the program calculates given expressions. Made with minimal STD dependency.
- Language: **C++**

Symmetric Encryption Demonstration App
Try at: benjurewicz.github.io/szyfrowanie-symetryczne
Source: github.com/BenJurewicz/PG-CB-Projekt-Szyfrowanie-Symetryczne-GUI

A cross-platform application for interactive demonstration of symmetric encryption using ECB, CBC, CTR modes.
- Language: **Rust**
- UI Library: Dioxus

Virtual World

Source: github.com/BenJurewicz/PO-Projekt2-Wirtualny_Swiat-Java

Easliy extensible windowed Java application where I simulated a 2D world with animals and plants on a grid.
- Language: **Java**

Skills

Software: Linux (Mainly Ubuntu and Arch) | Windows | MacOS | Docker Basics
Languages: C/C++ | Python | Java | HTML, CSS, JavaScript/TypeScript | Rust | x86 Asm