

# Patryk Bundyra

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## OBJECTIVE

Fast learning last year student seeking new challenges. Eager to combine my engineering and leadership skills to make an impact and bring a good atmosphere to your team. Thrive in a fast-paced and intellectually intense environment.

## EDUCATION

### University of Warsaw - Faculty of Mathematics, Informatics and Mechanics

Expected 2023

BSc. in Computer Science

- **Coursework:** Algorithms, Concurrent Programming, Databases, Operating Systems, Computer Networking

### The Nicolaus Copernicus 1st High School in Bielsko-Biała

Graduated 2020

- **Finals: Top 1%** nationwide out of over 70 000 students in the Polish Matura Exam in **Math**
- **Winner** of the scholarship "Silesia. Investing in talents" out of over 150 000 students

## EXPERIENCE

### JetBrains

Oct. 2022 – present

Software Engineer (part-time, Bachelor's thesis)

- Implementing the Build Server Protocol which integrates JetBrains IDE and Rust package manager - Cargo



### Google

Jul. 2022 – Sept. 2022

STEP Intern

- Developed a module of a modern operating system used for the GCP VMware Engine in Go
- Reduced time of the most crucial test workflows 20 times
- Deployed and administrated a Kubernetes pod with multiple microservices

### Deepflare

Jul. 2021 – Sept. 2021

Software Engineer/DevOps Intern

- Automated populating databases by creating ETL pipelines using Airflow, DVC, and Python
- Created CI/CD pipelines using Github Actions that managed elastic Kubernetes clusters and PyPi repositories
- Created and managed AWS and Azure architecture

## PROJECTS

- C++ multithread client side of the multiplayer Bomberman game - uses both TCP and UDP protocols
- Rust 2D multilevel game with an autogenerated map based on a seed
- Java concurrent program performing asynchronous operations on the Rubik's Cube with a given size
- Led a 5-person team that created a web music quiz using Python, Firebase, and React - grade: 100/100



## LEADERSHIP/ACTIVITIES

### Students' Council of the MIM UW - Head of the Business Relationship Team

Jun. 2021 – present

- Led a several-person team that works with dozens of different companies
- Established over 10 new business relationships with tech companies (including Big Tech and the MBB)
- Organised educational events and workshops for students in partnership with companies

### ML in PL Association - Member

Mar. 2021 – present

- Organised the Students' Day during the '21 edition of the ML in PL Conference for over 700 participants
- Contacted students organisations and scientific communities for promotional purposes

### Machine Learning Society at the MIM UW - Member

Mar. 2021 – present

## TECHNOLOGY STACK

**Languages:** Go, Rust, C++, Java, Python, C, Haskell, SQL

**Others:** Kubernetes, Docker, Git, Linux, Github Actions, Firebase, Terraform, GCP, AWS, Azure

## OTHERS

**Languages:** English - C1 | Polish - native

**Project management tools:** Notion, Jira, Trello, Miro,