

EXPERIENCE

• Jane Street – Software Developer Internship

London, 2022 and 2023

- **2023, first project:** worked with a trader/researcher to implement a tool for analyzing and calculating some historical data of securities for determining risks and benefits of holding a bond.
- **2023, second project:** made the OCaml language work with gdb/lldb debuggers: extended the OCaml compiler with debug info of variable types, implemented support for variant types and for OCaml in lldb. Before that, it was not possible to print the contents of OCaml variables in the debugger. Code is open source [here](#) and [here](#).
- **2022, first project:** extended a company product for their clients to support multiple types of securities.
- **2022, second project:** designed and implemented an asynchronous system for retrieving and sending data across multiple sources, with a focus on reconnections, error handling and correctness.

EDUCATION

University of Warsaw

Bachelor's degree in Computer Science, **GPA 4.95 / 5.00.**

2020–2023

- One of the **2 students out of around 160** to receive an „Exceptional 5!” final grade.
- My thesis is about extending a linter for the Rust language that detects semantic versioning violations. The thesis has made it to the finals of a Polish competition for Computer Science bachelor's theses. **Wrote a blog post** describing the important results of the thesis. Highly upvoted on [reddit.com/r/rust](#). My code in this project is now used by companies like **Microsoft, Amazon, Mozilla and Adobe**, and by some of the biggest Rust libraries.

University of Warsaw

Master's degree in Computer Science, work in progress.

2023–2025

- **Teaching:** I'm conducting classes in *Text algorithms*. Got this unique offer while still being a bachelor's student.

COMPETITIONS (SPORTS PROGRAMMING)

- ICPC World Finals: **finalist of ICPC WF 2022** (which will happen in November 2023).
- ICPC Central Europe Regional Contest: **golden medalist of CERC 2022, medalist of CERC 2021, 2020.**
- Central European Olympiad in Informatics: **winner of CEOI 2020.**
- International Olympiad in Informatics: **medalist of IOI 2020.**
- Polish Olympiad in Informatics: **winner of POI 2020**, medalist of POI 2019, finalist of POI 2018.
- Polish Olympiad in Mathematics: finalist of POM 2020 and POM 2019.

ORGANIZATION OF COMPETITIONS

- **Vicechair of the Jury** of the Polish Olympiad in Informatics (2023 – 2025).
 - introduced multiple minor and major changes to the preparations of the competition,
 - initialized the creation of a tool for task preparation and mentored a student during its implementation through code review and guidance in decisions.
 - overseeing the competitions and making the main decisions in case of problems.
- Member of the Jury of the Polish Olympiad in Informatics and Junior Olympiad in Informatics, member of Polish Olympiad in Informatics' Task Commission (2020 – Current).
- Team leader/deputy leader of the Polish national team in IOI 2021, CEOI 2021, BOI 2021, BOI 2022, BOI 2023.
- Each year organizing one or two algorithmic camps for high school students to prepare them for competitions.

LANGUAGES

English, Polish, French

PROGRAMMING LANGUAGES

Rust, C++, OCaml, Python, C, Java, Haskell