

Franciszek Malinka

Résumé

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Experience

- Jul 2023 – **Linux Engineering Intern**, *Jane Street*.
Sep 2023 Worked with Jane Street's Linux engineer team on two projects in OCaml.
- Wrote a service that acts as a bus for receiving and forwarding syslog entries from various sources and destinations that improves memory safety and type safety of traditional syslog implementations.
 - Created a tool for automatic tests of custom Linux images that strengthens and further automates the existing CI/CD pipeline.
- Jul 2022 – **Software Engineering Intern**, *Google*, Google Cloud Platform.
Sep 2022 Worked in Network Connectivity Center on [Connectivity Test](#).
- Worked on the internal infrastructure as well as on the Google Cloud UI.
 - Coded mainly in C++, but also in Java, TypeScript and used many tools and libraries, among others, Protocol Buffers, Bazel, GraphQL.
- Jul 2021 – **Software Engineering Intern**, *Huawei*, Warsaw Research Center.
Dec 2021 Created an IoT prototype project.
- Implemented a low-level software in C for small, low power devices.
 - Built custom Linux and RTOS Operating Systems using [BitBake](#) and [Yocto](#) build system.
- Jul 2020 - Sep 2020 **Software Engineering Intern**, *Ten Square Games*, Wrocław.
Worked with backend team developing a game server.
- Created a command-line tool for server testing.
 - Built a framework for developing AI game-testing and quality assurance agents.



Education

- 2022– **Masters Degree in Computer Science**,
University of Wrocław, Wrocław, Poland.
Currently pursuing.
- 2019–2022 **Bachelor of Science Degree in Computer Science and Mathematics**,
University of Wrocław, Wrocław, Poland.
My thesis: git.framal.xyz/licencjat.git/plain/lic_malinka.pdf
- 2016–2019 **High School Diploma**, *14th High School in Wrocław*, Wrocław, Poland.



Achievements

- Competitions requiring problem-solving skills:
- OI Laureate of the **Polish Olympiad in Informatics**, Bronze medal (2019)
 - CTU Open 4th place at **ICPC CTU Open Contest** (2019)
 - CERC 20th place at ACM ICPC Central European Regional Contest (2019)
- Scholarships:
- Szkoła Orłów The scholarship was awarded for the time of pursuing Bachelor's degree. As part of the scholarship, a scientific work is prepared together with the university tutor.
 - Scholarship University scholarship holder in 2019/2020, 2020/2021 and 2021/2022.
 - Scholarship Polish **Ministry of Education** scholarship holder in 2019/2020.



Skills

- Languages English, Polish
- Programming C, OCaml, C++, Java, Python, Make, Protobuf
- Other Linux administration, git, see my projects <https://git.framal.xyz>.

Interests

Linux kernel, computer architecture, model theory, coffee connoisseur,
I have a blog <https://www.framal.xyz>