Marek Żochowski

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Education

University of Warsaw   **Poland**

Master's degree in Computer Science   *2021 – 2023 (expected)*

University of Warsaw   **Poland**

Double Bachelor's degree program in Computer Science and Mathematics   *2017 – 2021*

I got a degree in Computer Science in 2020 and in Mathematics in 2021. I took additional courses in the fields of algorithms and combinatorics. During the second year I was part of the team developing open source system **OIOIOI**, which is actively used to host programming competitions, and its instance **SZKOpuł**.

Experience

Vocational

Sumo Logic   **Warsaw**

Software developer intern (SRE)   *September 2022 – Now*

Used technologies: Terraform, Golang, Scala, AWS

University of Warsaw   **Warsaw**

Teaching Assistant   *March 2022 – Now*

Teaching object oriented programming (in Java) at tutorials and laboratories (summer term) and algorithms and data structures (in C++) at laboratories (winter term).

Facebook   **London (working remotely from Poland)**

Software engineer intern   *July 2021 – September 2021*

Interning at a London based team. I was working on Bluetooth Low Energy communication between Android devices. I successfully delivered working implementations on both client and server sides.

Used technologies: Java, Kotlin, Android, Bluetooth Low Energy.

Facebook   **London (working remotely from Poland)**

Software engineer intern   *July 2020 – September 2020*

Interning at a London based team, but working in a cross team environment with engineers from Tel Aviv, London and Menlo Park, California. I successfully designed, implemented and rolled out new solution in functional reliability area.

Used technologies: Hack, Java, Facebook internal tools and technologies.

Codility Ltd.   **Warsaw**

(Remote) Task creator   *October 2019 – May 2020*

Preparing coding/algorithmic tasks for the Codility platform. I started as a remote creator, but in March I became a regular part-time employee.

Used technologies: Python, Git, Gitlab, C++.

Catalysts Ltd.   **Frankfurt am Main**

Software developer intern   *July 2019 – September 2019*

Used technologies: Docker, Git, Gitlab, Python and its machine learning modules, e.g.: gensim, spacy.

Vavatech Ltd. **Warsaw**
Junior Java developer *July 2018 – October 2018*
Used technologies: Java EE, JSF/JSP, Spring, Hibernate, Git, SVN, HTML/CSS, JS.

Projects

OIOIOI *October 2018 – June 2019*
OIOIOI is an open source application (over 1 800 commits and 100 000 lines of code) for hosting programming competitions, e.g.: **Polish Olympiad in Informatics** and **Algorithmic Engagements**. I was part of the core team of developers who were maintaining and developing the project as part of a special course on my university (TAG). Used technologies: Python, Django, Bootstrap, PostgreSQL, HTML/CSS, JS. **⌂Github**.

Mimuw Linters *November 2021 – January 2022*
Project written in a group of 3 students under a supervision of a Google engineer. As part of our university class we wrote a distributed system consisting of: load balancer, gradual updates, health checks and a possibility to simulate machines/instances failures (for testing purposes). Each instance was hosting a simple linter service. In the final presentation the project was successfully deployed to Google Cloud.
Used technologies: Python, FastAPI, Docker, Google Cloud. **⌂Github (fork)**.

Achievements

2017–2018: Rector of UW (2018), Minister of National Education (2017) scientific scholarships

2016: Seventh place (out of 336) in the international mathematics team competition "Náboj"

2015: Silver medalist of "Romanian Master of Informatics" international competition

2015–2017: Finalist and two times laureate of Polish Olympiad in Informatics

Participant of Polish Children's Fund program.

Technical Skills

Algorithms and data structures (advanced) e.g.: Flows, Parameterized algorithms
Frameworks: Android, Django

Other: Functional programming, Object oriented programming, Bluetooth Low Energy (Android)

Languages: C/C++, Python, Java, Kotlin (basic), Hack (basic), Scala (basic)
Control version systems and other tools: Git, Gitlab, Jira, Docker, Terraform

Languages

Polish: Native **English**: Advanced

Volunteer work

Collecting donations for the Great Orchestra of Christmas Charity.
Providing help in organizing the finals of Junior Polish Olympiad in Informatics.