

Piotr Rybiec

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EXPERIENCE

Java Summer Intern

July 2024 – September 2024

eService Sp. z o.o.

Warsaw, Poland

- Developed internal data-intensive REST APIs and data pipelines utilizing Java 17, Hibernate and Spring Framework and its derivatives.
- Designed and developed full-stack applications in Node.js, React.js and Tailwind CSS.
- Assessed and troubleshooted issues arising from the diversity of many different environments.

Full-stack Software Engineer

June 2023 – August 2023

Dopamine&Co

Warsaw, Poland

- Developed a MVP for a full-stack web application, focusing on addressing fundamental user needs and providing sufficient market validation.
- Optimized the application for scalability and applied authentication and authorization mechanisms.
- Implemented a REST API in Django and used React.js for the frontend.

Co-founder

August 2022 – Present

QuasiPhi Project

Warsaw, Poland

- Co-founded and developed a machine learning startup that focuses on analysing time series data for patterns.
- Implemented proprietary algorithms that were a major distinguishing factor of the product.

PROJECTS

RERE

September 2021 – May 2022

Bednarska Real Highschool

Warsaw, Poland

- Led the development of a master-slave infrastructure for a distributed system of hardware radio stations communicating with a mother station.
- Implemented Arduino and Adafruit Feather controllers communicating with a Raspberry Pi via radio-serial pipeline.
- Optimized the data flow for transparent and efficient communication for over 20 stations.
- Implemented a Python middleware for data processing and database communication.
- Created an online dashboard allowing for real-time monitoring of every station.

Voluntary work

2022 – 2023

Marek Kaminski Foundation

Poland

- Took an active part in an initiative called 'Marsze Mocy', dedicated to raising awareness about the importance of mental health across the youth.
- As a team, raised over 400,000 PLN to fund a preventive-motivational LifePlan Academy courses.

CTF Competitions

2020-2022

- Achieved 19th place in Poland's general ranking on ctftime.org.
- Documented and shared write-ups for challenges on my blog and GitHub.

EDUCATION

Polish-Japanese Academy of Information Technology

Warsaw, Poland

Bachelor of Science in Computer Science

2024 – 2027

Bednarska Real High School

Warsaw, Poland

Computer Science Specialized Track, Mathematics Major, Physics Major

2020 – 2024

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, C, C++, Go, Bash

Frameworks: Spring, Hibernate, Django, React.js, Node.js, PyTorch, TensorFlow, MLX, Tailwind CSS

Tools: Git, Linux, Docker, GCP, debuggers and decompilers

Libraries: NumPy, Pandas, Matplotlib, Seaborn