

# Piotr Rybiec

+48 573 998 408 | [piotrrybiec28@gmail.com](mailto:piotrrybiec28@gmail.com) | [linkedin.com/in/piotrek-rybiec](https://www.linkedin.com/in/piotrek-rybiec) | [github.com/a1eaiactaest](https://github.com/a1eaiactaest) |

## EXPERIENCE

---

### 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.
- Created efficient micro-service solution for fetching and storing time-series financial data from various exchanges in Go, PostgreSQL and TimescaleDB.
- Implemented proprietary algorithms that were a major distinguishing factor of the product, while experimenting on Transformer architecture.

### 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.

## 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](https://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