MIKOŁAJ SZAWERDA

73O O55 161 ◇ mikolaj.szawerda at gmail.com ◇ Warsaw
mszawerd.dev ◇ Linkedin ◇ Github ◇ research.mszawerd.dev

PROFILE

I'm a Computer Science student at Warsaw University of Technology, specializing in AI, with aspirations of becoming a Data Scientist. My experience includes internships at Allegro and Bridgestone, focusing on Spring, Java, Kubernetes, and Kafka. I learn new skills and concepts rapidly, embracing them with deep understanding and eagerness. My achievements include 2nd place in the Ensemble AI Hackathon and 3rd in the Best Hacking League. Currently, I'm working on a BS thesis on "Conditioning of Musical Generative Models," blending my interest in music with AI.

EDUCATION

BS in Computer Science, Warsaw University of Technology, Faculty of Electronics and Information Technology
October 2021-2025

SKILLS

Languages	Python, Java, C++, R
Frameworks	Spring Boot, FastAPI, React, PyTorch, Tensorflow
Technologies	Kafka, K8s, MongoDB, PostgreSQL, RabbitMQ, Elasticsearch
Soft Skills	Time Management, Problem Solving, Accountability, Teamwork, Communication, Eager Learner

EXPERIENCE

Software Engineer Intern Bridgestone Mobility Solutions 07.2023-now

- Technologies: microservices, k8s, helm, Spring Boot, Java, Selenium, Kafka - Team works in DevOps mode
- Working in a team responsible for creating and developing features for enterprise clients
- I am responsible for creating e2e tests, adding metrics and proper k8s architecture, developing features in many microservices across organisation and conduct postmortem research

Software Engineer Intern Allegro 07.2022-09.2022

- Technologies: microservices, distributed databases,Spring Boot, Java, Kotlin
- Working in a team responsible for critical path in product
- Services applying Backened For Frontend pattern

ACHIEVEMENTS

- **Second place winner at Ensemble AI Hackathon 2024** Tackled three tasks on encoder stealing techniques and explored strategies to counter sybil attacks. Utilized libraries: Pytorch, pandas, numpy, seaborn, matplotlib
- **Third place winner at BEST Hacking League Hackathon 2023** Came up with idea for application which optimizes workload of a warehouse worker. Utilized libraries: FastAPI, Mongodb, React, React Native.

PROJECTS

- **Parcel Tracking System** GitHub Microservices-based system, written using Java, Spring Boot, React, Kafka, MongoDB, MinIO, Resilience4j, Docker, Jenkins(full self CI/CD)
- **Song skip predictor** GitHub Part of the Machine Learning Engineering at WUT course. Involving EDA, models implementation, writting service with A/B testing - sklearn, pandas, seaborn