



TOMASZ MYCIELSKI

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ABOUT ME

I am an engineer with a keen desire to solve problems that make life difficult. I am looking to join a team that shares my values, so that we can do high quality, impactful work together.

SKILLS

Python SQL AWS Web scraping

LANGUAGES

Polish: Native

English: Fluent

French: Basic

EDUCATION

Computer Science MSc

06.2025

Warsaw University of Technology

Cybersecurity BEng

02.2024

Warsaw University of Technology

Scholarship for academic performance

EXTRACURRICULAR

Piano

I practice the piano and perform on jam sessions once in a blue moon

Golf

I used to be on the university varsity team; now I play twice a week at my local range

Climbing

I train sports climbing and bouldering and take part in local competitions

EXPERIENCE

Data Scientist | Zest AI

03.2025 - now

Burbank, California (remote)

- Economic analyses for analyzing performance of credit policies
- Improving risk calculation, and credit scoring models
- Forecasting revenue from credit lending across CC, auto, mortgage, and personal loans

Data Engineer | Taiwan Semiconductor Manufacturing Company

07.2024 - 09.2024

Hsinchu, Taiwan (on-site)

- Monitoring Overall Equipment Effectiveness in a 300 mm wafer fab
- Implementing ETL workflows with Dbt, Trino, Iceberg
- Orchestrating data pipelines with Airflow

Developer | Flobotics Consulting Inc.

05.2022 - 06.2024

Warsaw (hybrid)

- Understanding our clients' business needs and problems, analysing them, and creating solutions (usually with Python)
- Deployments, mostly on AWS and often with Terraform
- Worked with both small and large companies - including TransPerfect, PathGroup, Docplanner and many others.

Security Operations Center Analyst | T-Mobile

07.2021 - 10.2021

Warsaw (hybrid)

- Responding to security incidents
- Analysis of malicious samples for threat intelligence
- Collaborating on reports and presentations for management

SELECTED PROJECTS

Medical diagnosis document understanding

Implemented a data processing pipeline for a medical diagnosis company. The client had up to 100k pages of documents every month that needed digitizing. I used AWS Textract to parse the PDFs and extract the relevant diagnosis details, and other AWS services for data storage and transfer.

Video Content Automation Pipeline for Lead Generation

Engineered a Python-based system to automate video creation and editing using ffmpeg. Integrated Azure OpenAI for NLP-driven script generation and Playwright in AWS Lambda for scalable video recording, AWS EC2 for at-scale video editing, AWS S3 for storage, and AWS SQS for scheduling.

Recurrent Neural Network from scratch in Julia

Implemented an RNN with automatic differentiation from scratch in the Julia programming language. It helped me learn both how RNNs work and how to do scientific programming in Julia. My RNN achieved over 96% accuracy on the MNIST test set.