

WOJCIECH MICHALUK

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EDUCATION

Warsaw University of Technology

BSc of Data Science

Oct. 2021 – Feb. 2025 (Expected)

Warsaw, Poland

- Best technical university in Poland according to the Perspektywy ranking.

Vienna University of Technology

MSc of Data Science (Scholarship)

Mar. 2024 – Sept. 2024

Vienna, Austria

- Best technical university in Austria according to the QS ranking.

SKILLS

Programming Languages: Python, Java, Kotlin, R, Typescript, Matlab

Technologies: SQL, AWS, Spark, Hive, NiFi, MongoDB, Git

Natural languages: English (C1 - IELTS), Polish (Native), German (A2 - Certificate University of Vienna)

Driving license: AM, A2, B2, Yachts, Motorboats

EXPERIENCE

Amazon

Jul. 2024 - Oct. 2024

Software Engineering Intern | Amazon Web Services, Kotlin, TypeScript, Git

Madrid, Spain

- Mobile development for iOS and Android for Amazon Devices division
- Developed a Business Metrics controlling system in Kids+ Parent Dashboard mobile app (100K+ downloads in Google Store)
- Implemented infrastructure using 5+ Amazon Web Services: Cognito, Kinesis, Lambda, S3, Pipelines ect.
- Established end-to-end testing with JUnit.

Essebli

Oct. 2023 - Jan. 2024

Junior Java Developer | SQL, Java, Mercurial

Warsaw, Poland

- Oracle Customer Care and Billing service maintenance for 3 foreign customers.
- Code development with Java and data analysis with SQL.
- Member of 10 developers team. Staying in touch with analysts, working in scrum.

Infosys

Jul. 2023 - Sept. 2023

Full Stack/AI Intern | Python (HuggingFace, Flask), Java, Swagger, Git

Bangalore, India

- Created dataset for Large Language Model finetuning in Python with 80K+ data rows.
- Swagger API design, API implementation in Spring Boot.
- The distinguished hackathon project among 20 teams.

PROJECTS

Clickbait News Detection and Analysis (Thesis Link) | Python, Pytorch, JavaScript, LaTeX

Jul. 2024 - Feb. 2025

- Bachelor's thesis at Warsaw University of Technology. Developed a browser extension for clickbait detection and analysis using NLP modules.
- Collaborated internationally with professors from Modul University Vienna.
- Achieved 82% accuracy in clickbait detection using machine learning models based on large language model embeddings.

Machine Learning & Deep Neural Networks | Python, Pytorch

Oct. 2022 - Jul. 2024

- Centralised and Federated Learning for image classification (Link).
- Recommender Systems Challenge *WeKnowWhatYouWant* (Link).
- Deep Learning in Visual Computing (Link).
- Implementation of ML paper: *Dataset Distillation by Matching Training Trajectories* (Link).
- Clustering methods (Link).
- Kaggle Binary Classification Challenge (Link).

Data Processing & Visualization | R, Shiny, Java, Spark, AWS, JavaScript

Oct. 2021 - Jul. 2024

- Data Intensive Computing with Spark and AWS (Link).
- ToDos React Web App (Link).
- Google Maps Dashboard Data Visualization (Link).
- Crypto Currencies Tracker Dashboard (Link).

Sailing Instructor

Jun. 2021 - Sep. 2021

Skipper

Ryn, Poland

- Maintained safety and boating credentials. Planning daily class performance according to the weather.

Math and Physics Tutor

Sep. 2019 - Jun. 2023

On my own

Gdansk, Poland

- Support students with final high-school exam preparation for 4 years.

Alpenverein Volunteer

2018 - 2021

Alpenverein

Wachau, Austria

- Supported endangered species protection initiatives in Austria.
- Effectively communicated with an international team of volunteers, utilizing strong interpersonal skills

Science Community *Talented from Pomerania*

2018 - 2021

Talented from Pomerania

Pruszcz Gdanski, Poland

- Engaged in a Science Program uniting talented students from Pomerania, Poland, expanding my expertise in Physics.
- Attending lectures at Gdansk University of Technology.

EXTRACURRICULAR

- *Machine Learning in Engineering Applications* ATHENS programme at Istambul University of Technology
- Hackaton *Climathon 2023* in Katowice