

# Michał Taczała

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## Summary

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Self-motivated Python Developer with a strong background in creating and improving AI models. Passionate about enhancing applications and optimizing processes within challenging environments. Excellent problem-solving abilities and adept at collaborating in a team-oriented atmosphere. I am committed to continuous learning in the fields of AI and machine learning. Looking to leverage my experience in REST API development, data management, and model implementation to contribute effectively to innovative projects.

## Education

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**Warsaw University of Technology**, BSc in Software Control and Robotics 2019-10-01 – 2023-06-30

- Achieved a GPA of 4.5/5 while acquiring knowledge in automation, robotics, and advanced software development.
- Developed skills in Python for robotics and artificial intelligence through extensive coursework and practical projects.
- Participated in a robotics competition programming a semi-autonomous RC car, winning third place.

**Warsaw University of Technology**, MSc in Data Science 2023-10-01 – 2025-06-30

- Currently pursuing a Master's degree focused on machine learning, deep learning, and big data analytics, with an emphasis on AI-driven projects.
- Engaged with Python extensively, gaining hands-on experience with popular ML libraries such as NumPy, pandas, and PyTorch.

**Korea Advanced Institute of Science and Technology(KAIST)**, Exchange AI MSc Student 2024-08-26 – 2024-12-20

- Studied AI and ML at a leading technology university in South Korea, collaborating with international peers on various projects using Python and PyTorch.
- Advanced knowledge in natural language processing and computer vision.

## Experience

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**Junior Software Developer**, Sciamus 2022-05-01 – 2022-12-31

- Worked for 7 months developing a Java backend application for managing sim cards, with a focus on enhancing system functionalities.
- Collaborated in a microservice architecture, utilizing GitLab CI/CD pipelines and Docker for application deployment.
- Engaged in agile development cycles with bi-weekly sprints, ensuring continuous client communication and satisfaction.

**Mobile Application Developer**, IT Touch 2023-01-01 – 2024-07-31

- Developed a mobile application for stock and crypto trading using Flutter in an agile team of 5 developers for

18 months.

- Responsible for the entire development process from design to deployment, fostering strong teamwork and communication.

## Projects

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### CV ATS Parser Django

- Developed a Django web application for parsing CVs and job descriptions, generating ATS-compatible JSON formats.
- Used Google Cloud Platform for hosting and integrated OpenAI API for enhanced natural language processing capabilities.

### Graph Finding Reaction Direction

- Created a model using Python and PyTorch to predict reaction directions based on dataset analysis, employing graph-related ML algorithms.

### Deep Learning for Image Recognition

- Developed models for image recognition and generation utilizing deep learning techniques with PyTorch.

### NLP for Retrieving Important Information

- Implemented Python-based solutions to extract critical information from documents, showcasing natural language processing capabilities.

## Skills

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**Languages:** English Advanced (C1), Polish Native, Japanese Intermediate (N3)

**Hard skills:** Python, REST API, Linux, SQL, Docker, Machine Learning, Deep Learning, NLP, Computer Vision, Big Data Analytics

**Soft skills:** Strong communication skills, Ability to work independently, Team-oriented with good collaboration skills, Adaptability to learn and grow in fast-paced environments, Problem-solving aptitude, Cultural awareness from diverse educational experiences

**Certifications:** Academic Proficiency in English C1 - 06.2024, Japanese Language Proficiency Test N3 - 06.2022, GCP Cloud Associate Engineer - 06.2023