

SZYMON SZEWCZYK

STRENGTHS

- ⚡ Analytical
- 💡 Problem-solver
- 🤝 Collaborative
- 🔄 Adaptable
- 🔍 Curious and Eager to learn

SKILLS

Python · Flask ·
Numpy · Pandas ·
Matplotlib · Selenium
· Machine Learning ·
Scikit-Learn ·
Tensorflow · SQL ·
Data Visualisations ·
CSS · HTML · C · C++
· Power BI · Tableau ·
CI/CD · Git

TRAININGS, COURSES

IBM Data Science
Professional Certificate
Verify at: [coursera.org](https://www.coursera.org)

Python 3 from Basic to
Expert
[udemy.com](https://www.udemy.com)

The Complete SQL
Bootcamp: Go from Zero
to Hero
[udemy.com](https://www.udemy.com)

Data Enthusiast | Machine Learning | Python Developer

✉ Szewczyk.szy@gmail.com

🔗 [linkedin.com](https://www.linkedin.com)

📁 github.com

SUMMARY

Enthusiastic and detail-oriented student in the final year of a Master's degree in Automatic and Robotics. Foundation in computer science, machine learning, and data analytics, with coursework covering advanced topics such as Bayesian Inference, Operational Research, and Deep Learning. Passionate about data science, operational research, and Python programming.

EDUCATION

BSc in Automatic Control and Robotics 2020 - 2024
AGH University of Science and Technology

**MSc in Automatic Control and Robotics -
Computer science in control and management** 2024 - 2025
AGH University of Science and Technology

EXPERIENCE

MATH TUTOR 2020 - 2022
Tutored several high school students in mathematics, helping them prepare for and pass their final exams.

PROJECTS

DRACART - Winner, Hackathon dla Małopolski 2024
Collaborated with a team of 5 to develop an innovative modular application for modernizing railway systems.

Dangerous Situations Detection with Pedestrians

Developed a system to predict dangerous situations on the road involving pedestrians using data collected by Ouster OS1 LiDAR. Technology: Python, Ultralytics (PyTorch), Ouster SDK, Numpy, Open-cv, MkDocs
GitHub Repository: [Dangerous Situations with Pedestrians](#)

Portfolio Page

Developed a web application to showcase my skills, projects, and professional background.
Technology: Python, Flask, Next.js, React, TypeScript, Tailwind CSS,
GitHub Repository: [Portfolio Page](#)