












VOJTĚCH SÝKORA

I am an AI enthusiast with growing knowledge of the field and a lust for exploring what's possible.




CONTACT ME AT

 sykoravojtech01@gmail.com
 +49 1573 1155858
+420 604719906
 <https://www.linkedin.com/in/sykoravojtech/>
 <https://github.com/sykoravojtech/Portfolio>
 Tübingen, Germany

SKILLS SUMMARY

 Python, NumPy, PyTorch, Pandas, Matplotlib
 C, C++
 Git, Linux, Windows
 Neural Networks, Deep Learning
 LaTeX
 Business Startup

LANGUAGES

 English (C1 (CAE) + IB diploma)
 Czech (Native speaker)
 German (B1 TestDaF)

WORK EXPERIENCE

Machine Learning Research Asistant

[Czech Institute of Informatics, Robotics and Cybernetics](#) |

Mar 2023 – Jul 2023

- Implementation of algorithms for identifying problematic areas of traffic in cities from real-world data and solving them using automated planning. (Python, PDDL)

Artificial Intelligence Research Programmer

[US Air Force Research Lab & AI Center CTU](#) | Sep 2021 - Jul 2022

- classical planning & game theory
- design of a generator for planning problems (Python, PDDL)

Data Scientist

[Charles University in Prague](#) | Jul 2020 – Aug 2022

- Project 1: Worked with large databases (600 thousand rows of information)
 - Compared and extracted data using algorithms
 - MySQL, Python
- Project 2: Animated a choropleth map
 - Python, GeoJSON, NumPy, Pandas, Plotly.express

EDUCATIONAL HISTORY

Machine Learning M.Sc. (Full Scholarship DAAD)

[University of Tübingen](#) | Sep 2023 - Sep 2025

Bachelor's degree, Open Informatics (specialization Artificial Intelligence)

[Czech Technical University](#) | Jul 2020 - Jul 2023

- Thesis on Self Driving Cars (Deep Reinforcement Learning)

prg.ai Minor

[prg.ai & Czech Technical University & Charles University](#) |

2021 - 2023

- A selective interdisciplinary AI curriculum bringing together students, teachers, and researchers from prestigious Prague universities