

**Contact:**

www.jakub-dvorak.eu, jacobdvorakcz@gmail.com
[linkedin.com/in/jakub-dvorak-geo](https://www.linkedin.com/in/jakub-dvorak-geo), github.com/jakub-dvorak-geo

Geospatial-related professional experience:

2020-2023	E-TRAINEE – E-learning course on Time Series Analysis in Remote Sensing for Understanding Human-Environment Interactions – I developed content, course-wide functionality and led the course release team.
2023	Teaching Intro to GIS at Lauder secondary school
2021-2022	Treeline ecotone classification – Deep Learning in 2 Czech National Parks
2020	EuroSDR EduServ – PhD-level courses on Deep Learning and Point Clouds

Education:

2020-2023	Master's in Cartography, GIS and Remote Sensing Charles University (Prague) & Erasmus+ at Humboldt University (Berlin)
2017-2020	Bachelor's in Physical Geography and GIS Charles University (Prague)

Awards/publications:

2023	E-TRAINEE – co-authored a paper about the project (ISPRS Archives)
2022	ISPRS Congress – Presented full paper as 1 st author (ISPRS Annals)
2022	ISPRS Congress CATCON – 3 rd place for CNN Compare
2021	GISáček – 2 nd place for my bachelor thesis

Extracurriculars/volunteering/summer jobs:

2012-now	Summer camp instructor (volunteer)
2017-now	Election polling clerk/presiding officer
2018-2020	EGEA Praha – member and PR coordinator of the local entity
2017-2020	Office intern and volunteer at Youth for Understanding CZ
2016-2018	Selling souvenirs in Prague ZOO

Geospatial-related technical skills:

Advanced level	Python (Pytorch), QGIS, SNAP
Intermediate level	SQL, ArcGIS/ArcPy, R, Git, Javascript/GEE
Basic level	Linux, HTML, Matlab, ENVI, eCognition, CloudCompare

Language skills:

Czech (native), English (C1/C2), German, Danish (B1)