JAKUB DVOŘÁK

JAKUB.DVORAK@NATUR.CUNI.CZ
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BORN ON 1. FEB 1997

LANGUAGES

Czech - C2 (native)
English - C2
German - B1
Danish - B1

GIS/RS RELATED SKILLS

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

REFERENCES

Markéta Potůčková
marketa.potuckova@natur.cuni.cz
  Bachelor and Master thesis advisor,
  E-TRAINEE project leader, Teacher

Lukáš Brodský
lukas.brodsky@natur.cuni.cz
  Teacher (ML in Geosciences, Database
  design and management)

Jakub Lysák
jakub.lysak@natur.cuni.cz
  Teacher (Cartography, Programming
  for GIS, …)

Václav Treml
vaclav.treml@natur.cuni.cz
  Project leader for Treeline ecotone
  classification

EDUCATION

2020 - 2022

Msc of Cartography and Geoinformatics

- Dept. of Applied Geoinformatics and Cartography,
  Faculty of Science, Charles Univeristy

2017 - 2020

Bsc of Physical Geography and Geoinformatics

- Dept. of Applied Geoinformatics and Cartography,
  Faculty of Science, Charles Univeristy

2008 - 2016

Gymnasium (2014/15 foreign exchange)

- Christian Doppler Gymnasium (Czechia)
- Alssundgymnasiet Sønderborg (Denmark)

RELATED WORK EXPERIENCE

2021 - 2022 (ongoing)

E-TRAINEE   web.natur.cuni.cz/gis/etrainee/

- Creation and testing of materials for an e-learning course on
  time series analysis
- Project partners are Charles Uni., Heidelberg Uni.,
  University of Innsbruck and University of Warsaw

2021 - 2022

Treeline ecotone classification   Václav Treml

- Classification using Encoder-Decoder networks based on
  various types of aerial imagery
- Multiple projects for Administration of Krkonose Mountains
  National Park and Jeseniky Protected Landscape Area

OTHER NOTABLE EXPERIENCES

2017 - 2022 (ongoing)   **EGEA Praha**
  egea.eu - member and PR coordinator of the entity in Praha
  Participant of EGEA Western Regional Congress 2018, Brussels

2017 - 2020   **Youth for Understanding CZ**
  yfu.cz - Intern, volunteer (seminar organisation, administration, ..)

2012 - 2022 (ongoing)   **PS Kamaradi**
  pskamaradi.cz - summer camp instructor for children aged 6-15

2020   **EduServ18 course**
  eurosdr.net/education/course/eduserv18-2020 - Successfully
  completed Deep Learning for Remote Sensing and 3D Sensing,
  Scene Reconstruction and Semantic Interpretation

2021   **GISáček Ostrava**
  gisak.vsb.cz/gisova2021/cz/gisacek.php - 2nd placed Bachelor
  thesis at this GIS-focused international conference

2022 (upcoming)   **ISPRS congress 2022**
  isprs2022-nice.com - 1st author of an accepted full paper