

M.Sc. Hana Koubová

<Python Developer>

Born: 13/08/1988

Nationality: Czech Republic

Address: 46006 Valencia, Spain

Skills:

Python3, Flask, SQL, JavaScript, HTML5, CSS, Git

Key non-technical skills:

I am a good communicator and listener, used to working in various teams, adaptable and flexible, active problem solver.

Languages:

- English: Professional
- Spanish: Communicative
- Norwegian: Communicative
- Czech: Native

Professional Experience:

01.2021 - now, Remotely

Technical Virtual Assistant - self employed

- Proficient virtual assistant specializing in technical operations, maintaining websites and conducting data analysis and research.
- Utilizing no-code solutions to streamline processes and enhance efficiency

05.2020 - 08.2021, Remotely

Research Assistant in Seismology

- Used Python3 and ObsPy library to manipulate seismology data
- Data processing of low magnitude earthquakes.

02.2016 - 03.2017, Oslo, Norway

Geophysicist, PSS-Geo

- I did mostly 2D seismic signal processing
- I managed large datasets of data
- I used Python, Bash and Hampson-Russell processing software

Education:

08.2013 - 06.2015, Oslo University, Norway

Master in Geophysics

- I centered on processing seismology data
- I used mostly Python to learn how to manipulate and further analyze large dataset
- I did various presentations of our projects results
- Diploma thesis: Analysis of local data in the field of seismology, data from Kronebreen, Svalbard (thesis graded with B). Python3, Obspy

Projects:

Job Board App Full-stack, [Link](#)

- Use of Flask, Python, JavaScript, HTML, CSS, SQL, Bootstrap, Git
- This project is under development.

Localising Icequakes and further data analysis (Master thesis), [Link](#)

- Localized more than 1500 seismic events by three different methods to find the most accurate one
- Analyzed temporal distribution of these events
- Compared seismic events with independent data
- Used Python to manipulate seismic data

FK analysis for shallow earthquakes, [Link](#)

- Analyzed about 200 signals of shallow earthquakes
- Performed FK analysis for further research
- Grouped events based on specific characteristics

Contact:

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[LinkedIn](#) link

[GitHub](#) Page

[Personal Portfolio](#)