Konstantin Engelmayer

Curriculum Vitae

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Personal Details

Birth	2000/08/18, Köln
Status	Student
Languages	German (Native language), English (B2)

Education

2009 - 2018	**Abitur**, *Abtei Gymnasium Brauweiler*, Köln, NC 2.0
2019 - 2022	**Bachelor of science, landscape ecology**, *Westfälische Wilhelms-Universität*, Münster, NC 1.4
2022	**Bachelor thesis**, *Soil Respiration in Forests of Different Land Use Intensity* Project BiCO2, in cooperation with Nabu Münsterland and the Forest and Wood Office NRW
2023 - now	**Master of science, physical geography**, *Philipp´s University*, Marburg Specialization: Environmental Informatics

Work Experience

2021 - 2022	**Student Assistant**, *Ecohydrology & Biogeochemistry / Biodiversity and Ecosystem Research*, Münster Supervision of the laboratory internship/ field and laboratory work
2023	**GIS-Tool developer**, *Hydrotec*, Aachen, Internship: 3 months, Part-Time: 4 months Programming of R and Python tools for heavy rainfall simulations

Special Skills

- Programming: R (Shiny applications, tools for QGIS, algorithms, statistical analysis, graphical representation, use of raster and vector data, machine and deep learning), Python (basics, plug-ins for QGIS)
- Documentation: R Markdown
- Version control: Github
- GIS software: QGIS, ArcGIS Pro, ArcGIS Online
- Software: Word, Excel, PowerPoint LaTeX