

Emma Johansson

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Education

Aalto University

Master of Science in Geoinformatics

Aug 2020 – May 2022 | Espoo, Finland

GPA: 4.2/5.0

Activities: GIS Society President, Drone Mapping Workshop Leader, Peer Mentor

Relevant Coursework: Spatial Databases, Remote Sensing, GIS Programming, Cartography, Geostatistics

Summer School: TU Munich 2021 (GPA: 1.3/1.0)

Work Experience

GIS Developer | Nokia Maps | Jun 2022 - Present | Helsinki, Finland

- Developed geo-processing pipelines in Python with GDAL and GeoPandas.
- Integrated mapping APIs into web applications using Leaflet.js.
- Automated tile generation, reducing processing time by 30%.

Skills

GIS Tools: ArcGIS, QGIS, GDAL, GeoServer

Languages: Python, JavaScript

Databases: PostGIS, SQL Server Spatial

Other Skills: Data Visualization, Spatial Analysis, Drone Data Processing

Certificates

Esri Technical Certification

Coursera: GIS Specialization

Udemy: Python for Geospatial

Awards

Aalto Science Prize 2021

Nokia Innovation Grant 2022

First Place – Nordic GIS Challenge