

JuliaGeo: *A gentle* introduction

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Who am I?



- Maarten Pronk (@evetion on github)
- Researcher at Deltares, a research institute in the Netherlands
- PhD candidate at TU Delft
- Author of several Julia packages
 - GeoDataFrames, GeoArrays, GeoParquet, WellKnownGeometry
 - SpaceLiDAR.jl, a package for dealing with spaceborne lidar datasets

Today

- Setup Julia & IJulia
- **Jupyter** notebooks (see <https://github.com/evetion/OGH2023>)
 - Julia intro
 - Package management
 - Noteworthy differences (vs Python, R)
 - Parallel processing
- Geospatial stack
- Opening some hackathon files