

WANTED ASAP: GIS and Remote Sensing Expert to begin March 1st/15th!

Capture and Restore, a pre-seed startup based in Berlin funded by KIEZ AI Bridge to Market, is on the lookout for a **GIS and Remote Sensing Expert** as soon as possible to begin on March 1st or 15th!

Job type: Full time (Part time possible)

Location: Berlin (Office available at startup incubator, or work from home upon request)

Duration: 2–2,5 months (01. or 15.03.2024 – 15.05.2024)

Salary: 1000–3000€/mo gross depending on years of experience (excl. Insurance, taxes)

About Us:

We are a pre-seed startup, currently in the prototyping stage, committed to regenerate ecosystems within and outside of cities. Our belief is that healthy and climate-resilient thriving urban parks and forests, maximizes CO2 storage capacity. We're developing a software to regenerate poor green spaces, to help cities reach their climate goals. We are a 2-person team skilled in prototyping software, machine learning, and urban planning and we need to complement our strengths with a passionate individual with profound knowledge in forestry and GIS/remote sensing skills. LinkedIn Capture and Restore: <https://www.linkedin.com/company/capture-and-restore/>

Responsibilities:

- Develop scripts in python or R (ForestTool) or AI-pre trained models in QGIS based on drone/satellite imagery and test the scripts on 3 small test areas.
Methods/scripts needed:
 - Crown segmentation: Determining the top of trees (points) and the boundaries of each tree crown (polygons).
 - Identification parameters: Height and diameter of tree crowns.
 - Species identification:
 - minimum – separation by coniferous and deciduous
 - maximum – separation by species (e.g. spruce, pine, birch)
 - Biomass calculation
 - Stored carbon
- Create a documentation describing each step.
- Optional: help cultivate relationships within the German or international forestry sector.

What You'll Love:

- Flexible work hours and location (on-site and online).
- German and english is possible
- Be in the core team of an ambitious startup.
- Be part of the KIEZ AI community and possibility to attend AI startup-related events
- Work at Humboldt startup incubator in Berlin Mitte

If this sounds like you, send us a message explaining why you think you would fit with examples of similar projects you've worked on to: contact@distant-realities.eu