Join our newly established team for remote sensing applications at Sentinel Hub GmbH in Graz!

Sentinel Hub GmbH, a subsidiary of Sinergise, opened a permanent office in Graz, Austria earlier this year, in the ESA Business Incubation Centre alongside other space start-ups. Currently consisting of 3 remote sensing professionals, we are looking for remote sensing specialists and front-end developers to join our dynamic team!

Remote Sensing engineer – junior position
Full time – Graz, Austria

We are looking for enthusiastic remote sensing engineers, to join our young and hands-on team. In this position, you will learn to work with Sentinel Hub Services and the Euro Data Cube (EDC) to create added-value services for our customers. Ideally you would have 1 or 2 years of work experience (not mandatory).

Responsibilities
- Help our customers and internal staff build applications using EDC services
- Prepare working examples of Sentinel Hub Processing scripts, Batch Processing and EDC notebooks
- Provision of ideas on how to improve the services
- Prepare testing scenarios for services
- Prepare technical and user documentation
- Help to raise awareness about the Euro Data Cube services

What we look for
- Completed University Degree in a technical field related to Earth Observation, preferably Geosciences, Physics, or Information Technology
- Basic programming skills in Python
- Enthusiasm for analytical and problem-solving challenges
- Proactive team players, with a “Can-Do” attitude
- The ability to balance work across a wide variety of projects
- Strong English communication and writing skills (the working language of the company is English)

What we offer
- A dynamic work environment with a start-up vibe and a scale-up approach
- An inclusive and multi-cultural environment
- Professional development and continuous learning opportunities
- A nice coffee machine to fuel your space-related activities
- Attractive work location: Graz is a vibrant city offering many amenities, close to the Austrian Alps
- Yearly gross EUR 36.400,- (full time) - negotiable based on qualifications and experience

Would you like to bring in and expand your skills in Earth Observation technologies and help to develop a company in a very exciting and promising market? Do you see yourself as a proactive team player with a hands-on mentality? Then don’t hesitate and apply for the vacant position!

Contact
Please submit your application (CV and motivation letter) to work@sentinel-hub.com with the subject “Application for Remote Sensing engineer – junior position”. We look forward to hearing from you!
Front-end developer – junior position
Full time – Graz, Austria

We are currently looking for frontend developers with an interest in Earth Observation to work closely with our remote sensing experts. We use React for web applications built on top of Sentinel Hub services and we need help expanding their features. We value your potential to learn new skills more than the skills you currently possess!

Responsibilities
- Design, develop and test reusable UI components for Sentinel Hub Services
- Integrate RESTful APIs in the UI
- Maintain and extend existing Sentinel Hub applications and create new ones
- Work closely with our remote sensing experts for application development and use case examples
- Integrate use case applications in Euro Data Cube tech stack
- Create prototypes for internal, public and customer applications and further develop these

Tech stack
- React for view rendering
- Leaflet for interactive maps
- Redux for state management
- Sass / CSS modules for styling
- Jest for unit tests
- Python + Flask for occasional backend service
- Docker for containerization
- Git for version control
- GitLab CI for one-click deployments

What we look for
- Experience in vanilla JavaScript
- Working knowledge of HTTP, REST, JSON, and modern HTML5/CSS3 web technologies
- Practical experience with one or more JavaScript frameworks like React, Vue, Angular, …
- Experience with scripting, shell environments, and version control systems
- Experience with any part of the tech stack is a plus, but not mandatory
- Ideal qualifications: ES6, React
- Passion for quality and an optimal user experience
- Self-organised individuals that can work independently
- Willingness to learn about concepts of remote sensing and image analysis
- Strong English communication and writing skills (the working language of the company is English)

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Sinergise is a 70-person SME from Slovenia with extensive expertise in developing advanced geospatial information systems based on cloud and web technology. After successfully completing several country-scale projects in Europe and Africa, they ventured in the space field, designing Sentinel Hub, a novel way to process Earth Observation data in the cloud, making petabytes of satellite data easily available to just about anyone in the world for the first time.

The service is in operation for the last two years, powering hundreds of applications all around the world, processing more than 200 million requests every month and providing more than 10 PB of Sentinel, Landsat, MODIS and other data available to added value providers. Sinergise’s free web tools, EO Browser and Sentinel Playground, are used by enthusiasts exploring deforestation, military activity, natural disasters as well as simply observing the beauty of our Planet.

One year ago Sinergise recognized the potential of the ESA Business Incubation Austria (ESA BIC Austria) and its strategic location next to some of the best engineering universities in Austria. To seize the opportunity, Sinergise established a subsidiary in Graz focused on the creation of Value Added Services (VAS) based on Sentinel Hub, expanding from the familiar fields of agriculture and land administration into other exciting areas of application. Earlier this year, we have successfully recruited 3 remote sensing engineers that form the core of Sentinel Hub GmbH in Graz. They are now already integrated into several projects and we decided to continue the growth process to widen the reach of Sentinel Hub.

Now we are looking to expand the team by February 2021 with vacant remote sensing engineer and front-end developer positions. The team’s responsibility will be to build tools and services, which will be then available to all Sentinel Hub users to exploit. The Euro Data Cube and Blue Dot Water Observatory are examples of such services. The team will partly continue to work under the guidance of project managers from Sinergise but there is an objective to make the team completely self-sustainable and self-governing in 18-24 months.

We are therefore inviting professionals and recent graduates interested in Earth Observation and remote sensing to join our team and to help us build the best possible tools for the monitoring of our planet. You will have the chance to be part of the development of a company in a very exciting and promising market.

More info:
http://www.sentinel-hub.at