Software Engineer at Hades

In our office in Zurich or remotely, from anywhere in the world

About us
We’re a young and enthusiastic team of 15 computer scientists and environmental engineers, most of them from ETH. Together, we’re building smart software to automatically detect damages in sewer inspection videos and tell cities when to fix their underground pipes. We’re passionate about making cities more sustainable with modern technology and bringing some fresh air into this antiquated industry. Learn all about us at [https://www.hades.ai/](https://www.hades.ai/).

Our Tech Stack
- Frontend: Typescript, MobX, React, WebGL, Canvas
- Backend: Python, Typescript, Postgres, Django
- Infrastructure: Kubernetes, Docker

Your Responsibilities
- Take charge of our web application and infrastructure
- Be responsible for developing new features, from the blueprint all the way to shipping production code
- Make sure our software architecture and code is robust, well-documented, and easily extensible
- Decide together with us what we should work on next
- Actively participate in important software architecture decisions and technical discussions

Requirements
- Experienced and comfortable in web development
- Not afraid of inventing new algorithms and big O-notation
- Familiar with shipping production code in a team: project planning, code reviews, unit tests, and CI pipelines are not a mystery to you
- Debugging master: able to chase down every bug (even really nasty race conditions)
- Can design data structures and is able to oversee the consequences of important software architecture decisions
- Fluent in English, Python, and Javascript, German is a bonus
- Some familiarity with MobX, HTML Canvas, WebGL, or 3D graphics is a bonus
- Experience in project management and team leadership is a bonus

Benefits
- Have a positive impact on society and the environment
- Autonomy: have an idea for a new feature or technology we should use? We’re listening
- Impact: everything you work on will go straight into the product and make people’s lives easier immediately
- Fast iterations: we deploy twice a day
- A motivated, clever, fun, and supportive team that loves geeking out about the latest tech
- Work directly with the founding team

Apply directly, or email me if you have any questions!

Eric Wolf
Co-Founder & CTO
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