

Job Description

How you'll be involved:

As part of our team, you'll be building our cloud infrastructure and ML-ops systems that are truly leading edge. We work with the biggest fisheries monitoring companies around the world to review footage from thousands of boats. Our software could revolutionize marine conservation and fishery science. Join us to help make this happen!

What you'll be doing:

As a full-time engineer on our team, you'll be in charge of developing the cloud software and machine learning infrastructure. There is a huge variety of components that you'll contribute to, from front-end, to database, to deployment and ML ops. As a team working on large-scale systems that are constantly iterating and scaling up and down, we also expect our engineers to build reusable staging and testing CI/CD pipelines and follow our industry standard design principles for understandable, maintainable codebases. Speaking of scaling, we also have work developing the orchestration of our deployments and the engineering of various cloud components in our service.

Overall, there are a number of tools and technologies you'll get exposed to; for each skill you bring to the table, you'll get to learn another!

How we work:

- We are a startup racing to be first to market: things move fast and you will get significant ownership of mission-critical development.
- A full-time commitment (40 hrs/wk) is expected
- We care about saving the ocean!
 - It's very rare to be able to get paid to save the ocean, we make that possible.
- We love snacks, team snacking adventures are likely.
- We are all former interns ourselves, and love building a supportive and collaborative space where everyone loves coming to work.
- Speaking of "coming to work", we work **hybrid**.
 - In person 2-3 days/week at UBC Point Grey campus, online other days.
 - Flexibility - Want to go traveling with friends? No problem, as long as you take your laptop with you and are able to continue working, we will try our best to accommodate.

Feel free to also email us at info@ondeck-ai.com if you want to start the conversation sooner!

Qualifications

Minimum qualifications:

- Experience programming with some of the following languages: Python, JavaScript/TypeScript, C/C++, Go
- Experience working with several or more of the following:
 - web application development

- cloud development
- Unix/Linux environments
- distributed and parallel systems
- machine learning
- networking
- Student status until at least Fall 2022
- Excited to build software that will revolutionize fisheries monitoring as well as fisheries research!

Preferred qualifications:

- Experience with infrastructure as code
- Experience setting up and using CI/CD
- Proficiency using PyTorch or TensorFlow, and other modern machine learning tools and datasets
- Basic knowledge of containerization & orchestration for deploying at scale
- Experience developing accessible technologies
- Previous internship experiences
- Ability to speak and write in English fluently
- Interest and ability to learn other coding languages and frameworks as needed