



Job opening:

# Software Developer

**Wyvern is making something big.** Our vision is to provide actionable intelligence from space, anywhere in the solar system. To achieve this we need to entirely reimagine how satellite Earth observation is done.

We're a rapidly growing space company in Western Canada, powered by humans who are passionate about space and are redesigning the satellite to enable a sustainable future for humanity. Wyvern has just finished Y Combinator's Winter 2022 batch and has raised ~\$9M in pre-seed, seed, and non-dilutive funding. If you're excited by the prospect of creating a *Better Earth, From Space*, we want you on our team.

## What we're workin' on

Wyvern is developing unfolding space telescopes to capture high-resolution hyperspectral imagery from space.

Hyperspectral images contain more colors than other types of imagery, meaning these images capture the spectral signature of your crop or forest, for example. With hyperspectral imagery, however, it's hard to get quality images with a high signal-to-noise ratio and resolution. To mitigate this, we're designing telescopes that are compact on launch and deploy in space, meaning we pack better performance in a smaller, cheaper-to-launch package. Our increased light collecting area will allow for more light in more bands while maintaining a high spatial ground resolution.

On a daily basis, our engineers are developing new technologies, our operations team is keeping all of the parts of the business working, and our business development team is forging new partnerships and aiming to build an industry leading brand. We are all working together towards our common goals.

## Who you are

This role is suited to someone who delights in writing code. They navigate complex problems, enjoy continuous learning, and have a drive to improve upon and maintain current code. Candidates will have 3+ years of industry experience with substantial contributions to software projects.

This role is suited to candidates who have experience in some or all of the following:

- A degree in computer science, science, or engineering, or an equivalent level of work experience, with extensive experience in designing, developing and maintaining software,
  - Experience in orbital mechanics or image processing is a plus.
- A track record of substantial contributions to software projects (3+ years) using:

Last update: 2022-05-23

This is not an official job offer. Terms in this document are subject to change.

- Docker, Kafka, Kubernetes,
- SQL/CQL, Python, Java, Go,
- Working in an Agile environment (Scrum, Kanban, etc),
- Experience in cloud architects (AWS / Azure)
- 1+ years of experience with DevOps
  - CI using Github Actions + AWS/Azure
- You think in terms of architecture and know how to identify and explain pros and cons of a technical solution,
- Use an organized and logical approach to find solutions to complex problems and look beyond the obvious to understand the root cause of problems and propose several possible solutions,
- Have a strong personal initiative, ability to deliver high quality results, and desire for continuous improvement,

## What you will be doing

You will:

- Provide technical leadership within a cross-functional team (including product managers, sales, and other developers) to deliver services to our customers,
- Drive improvements to our standards of security, reliability, performance, and quality,
- Build software that includes:
  - an event system,
  - 3rd party APIs,
  - image processing of incoming satellite data,
  - machine learning
- Collaborate to build a DevOps plan and maintain production software,
- Interact with partners and other 3rd parties to manage expectations.

## What to expect from Wyvern

- We have all the best aspects of startup culture including flexible working hours & support from across the team whenever you need it.
- We give ample vacation time and a health benefits package.
- We're small but rapidly growing. The systems you craft will be foundational to Wyvern's success and you will get the unique opportunity to grow *with* the company.
- This is a full-time, remote position with the option for a hybrid work structure out of the Wyvern headquarters in Edmonton, Alberta, Canada.

To apply for this opening, send your resume & cover letter to [hiring@wyvern.space](mailto: hiring@wyvern.space).