

Job opening:

Technical Project Manager

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 acquired >\$9M in pre-seed, seed, and grant funding. If you're excited by the prospect of creating a step increase in the capability of space-based cameras, 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 <5 m resolution.

The Technical Project Manager will manage multiple projects, focusing on tracking and executing against our deployable optics demonstration mission roadmap. This involves identifying priorities, documenting requirements, and monitoring team performance & project progress as we proceed towards a launch.

Who you are

- You have demonstrated the ability to manage and work within a multidisciplinary team of scientists, engineers, accountants, and others.
- You have excellent verbal and written communication skills.
- You have strong interpersonal skills.
- You are extremely resourceful.
- You are a self-starter and have a strong focus on continuous learning.
- You have a track record of exercising critical thinking and good judgment.
- You are capable of synthesizing and refining strategic and technical roadmaps.
- You notice the small things: you demonstrate an attention to detail and have a rigorous approach to the maintenance of documentation, procedures, and project status data.

- You possess strong leadership skills: you display a high level of confidence not just in yourself but in other people as well. You inspire and motivate your project team, and enable a sense of ownership. You demonstrate an ability to navigate complex situations and tasks with calmness and composure, setting an example for others.
- You have a proven ability in configuration management for documents and products.
- You must have a Bachelor's degree in a science or engineering discipline.
- You have 2+ years of project management experience and have experience with or knowledge of project management methodologies (Agile, Scrum, Kanban).
- You must be able to legally work in Canada.

The ideal candidate may (preferred qualifications):

- Candidates with experience in remote sensing and space systems design.
 - Experience with optical payload design for remote sensing of the Earth is a strong asset.
- PMP Certification (Project Management Professional) or Professional Engineer (P. Eng) designation.
- Familiarity with Jira, Confluence, and the Google Suite is a strong asset.

What you will be doing

You will:

- Organize multidisciplinary projects involving mechanical, electrical, controls, optical, and software engineering.
- Oversee the development of project documents for scope, budget, schedule, and risk management, etc.
- Perform technical coordination of the project team within an Agile framework using Jira and other tools as needed.
- Lead the project team with clear guidelines, tasks, and milestones, while motivating and providing feedback.
- Streamline communication within the team to ensure projects are moving in a timely fashion and to ensure information is shared efficiently.
- Measure performance and identify areas of improvement, priorities, critical paths, and major challenges. Track project development through conception, development, and production.
- Identify, analyze, and manage project risks, sharing lessons learned on a regular basis.
- Implement a clear change management methodology with the support of our Quality Assurance working group.
- Ensure clear and accurate project documentation (e.g. requirements, test plans, schedules, budgets) and thorough hardware documentation (e.g. ICDs, manufacturing and assembly drawings, schematics, manufacturing instructions).
- Work with functional and senior staff to obtain the appropriate project resources, manage resource conflicts, forecast resource/skills capacity requirements and drive the desired culture of delivering on our commitments.



- Expand and refine Wyvern's capability in project management. Identify ineffective/inefficient processes and propose/lead improvement initiatives.
- Assist the executive in strategic and execution planning.
- and likely more! As part of a small startup team, you'll find yourself working across the board to support Wyvern's activities.

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 stellar health & wellness 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, permanent position based in Edmonton, Alberta, Canada. Remote work is an option for exceptional candidates with remote work experience.

To apply for this opening, send your resume & cover letter to **hiring@wyvern.space**.