Software Developer

Phone :
Web :

Job Summary

Vacancy :
Deadline : Oct 07, 2024
Published : Sep 07, 2024
Employment Status : Hybrid
Experience : Any
Salary :
Gender : Any
Career Level : Any
Qualification :

Job Description

Apply Now! - https://wyvern.rippling-ats.com/job/838043/software-developer?s=cw\ \ **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 are a rapidly growing space company in Western Canada, powered by humans who are passionate about space and building a better Earth, from space.
If you're excited by the prospect of being part of the space industry and want to build software that makes a difference now...

What We're Working On

Wyvern is developing, as well as managing, an expanding fleet of satellites that image the Earth every day. With three satellites in orbit already and more on the way, the software team has a vital role in making the fullest use of our in-space assets, and building (and automating!) the processing pipeline for the highest-resolution hyperspectral images for sale on Earth today.
The software team's role includes building APIs for internal use and the human-friendly tooling that uses them; building and maintaining APIs that interact with our external partners to direct imaging; and processing the hyperspectral images that arrive from our constellation.
We also assist with scheduling and tasking, capacity planning, and more.

What You Will Bring
• Degree in Computer Science or relevant field or equivalent relevant experience
• Minimum of 4 years software development experience
• Strong proficiency in Python
• The ability to work independently, and collaboratively in a fully remote environment
• Excellent problem-solving skills with an attention to detail
• Proficiency with JavaScript and one or more front-end frameworks (React, Angular, Vue)
• Must be a citizen, resident of, or currently legally authorized to work in Canada
• Preferred experience and Skills
• Experience with Python web frameworks like Django Rest Framework and FastAPI
• Experience with Python libraries related to image processing (numpy, rasterio, xarray, GDAL, pandas, pillow or similar)
• Previous experience in earth observation, remote sensing or GIS applications (QGIS, ArcGIS, and more)
• Experience with Docker, Argo and Kubernetes
• Experience with cloud computing platforms (AWS, Azure, …)
• Experience with CI/CD pipelines
• Experience with leading development teams

What You Will Be Doing
• Write clean, efficient and well-documented code including:
• Usable, beautiful front-end applications
• Clean, and scalable API back-end applications
• Comprehensive, efficient data structures and queries
• Image quality analysis and processing improvements
• Develop both repeatable and scalable unit and integration tests
• Actively participate in or, at times, lead code reviews
• Troubleshoot and debug issues as they arise
• Leading and providing mentorship to small teams
• Stay up-to-date with industry best practices in software development and satellite image processing

What To Expect From Wyvern
• This position is full-time, with the option to work both from our Edmonton office or remotely within Canada
• We're small but rapidly growing start-up offering a collaborative & supportive team with many opportunities to learn and grow with our organization
• The opportunity to work on space technology that's changing how we look at the Earth.
APPLY

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits