Job Posting:167444 - Position: S25 Software Developer Intern 167444

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/12/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/26/2025 04:49 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Open Ocean Robotics
Address Line 1	2L ? 4476 Markham Street
City	Victoria
Postal Code / Zip Code	V8Z 7X8
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Software Developer Intern 167444
Position Type	Co-op Position
Job Location	Victoria, BC
Country	Canada
Duration	8 or 12 months
Salary Currency	CAD
Salary	23.0 per hour for 0 Major List

Job Description

Job Title: Software Developer Intern

Description

Operating on oceans around the world from Victoria BC, Open Ocean Robotics is a rapidly growing startup transforming how we understand our oceans through better data. We are leaders in solar-powered uncrewed surface vehicles (USVs) that voyage inhospitable ocean environments.

Are you passionate about advanced robotics technology and the ocean?

We are an equal opportunity employer and are committed to a diverse and inclusive workforce. We encourage applicants who reflect diversity in thinking and background as we continue to develop our culture of inclusiveness for all.

We are seeking an innovative and creative Software Developer Intern to be part of our team in beautiful Victoria, British Columbia, for a **8-12 month full-time internship** placement. Someone who is passionate about designing implementation, and testing of DataXplorer software, gaining exposure to real-world challenges in software engineering. A successful candidate would work alongside our vessel, cloud and data science software teams to develop and optimize DataXplore software.

As a Software Developer Intern, you will assist in software development for sensor integration and system optimization, troubleshooting, and testing vessel software. Your role will involve implementation sensor integration and improving software efficiency. You will also gain hands-on experience with embedded systems and work on optimizing communication protocols between sensors and onboard computing systems. Additionally, you will collaborate with senior engineers to explore innovative solutions for improving overall system reliability, scalability, and robustness in challenging maritime environments.

Any experience with autonomous systems such as UAV, USV or other autonomous vehicles is a bonus!

This is an **onsite** position.

In this role you will:

• Work on a team to deliver software code that runs automated tests to ensure increasing quality as the product code is continuously shipped.
•Work closely with the entire engineering team to release high quality features.
•Maintain software tests and reports around quality.
•Write high-quality documentation to support your verification and development activities.
•Learn the core USV architecture and improve your systems knowledge.
•Contribute to the next generation of vessels.
•Write high-quality test code.
•Proactively report and write tests to permanently mitigate defects.
•Document solutions and processes.

Benefits

Hourly Rate: $23.00

Job Requirements

Requirements

• At least fourth year standing at an accredited post-secondary institution
•Good verbal and written communication skills
•Strong analytical and troubleshooting skills and attention to detail
•Experience working in agile development environments.
•Experience with Linux systems.
•Familiarity with version control software like Git.
•Experience with hardware and software development lifecycle and agile development practices
•A positive attitude, will be reliable, and a self-motivated team player
•Bonus: Software languages: Rust, C++
•Bonus: background and understanding of unmanned systems such as UAVs, USVs or other autonomous vehicles

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website
Cover Letter Required? Optional
Special Application Instructions

Application Link:

https://apply.workable.com/open-ocean-robotics/j/6A732A22BF/

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received. Students should submit their applications as soon as they are ready.