

Job Posting:167475 - Position: S25 Engineering Student, Software (SKA) 167475

Co-op Work Term Posted: 2025 - Summer
App Deadline 03/13/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 02/27/2025 03:35 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization MDA Corporation
Address Line 1 13800 Commerce Parkway
City Richmond
Postal Code / Zip Code V6V 2J3
Province / State BC
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Summer
** Job Title ** S25 Engineering Student, Software (SKA) 167475
Position Type Co-op Position
Job Location Richmond, BC
Country Canada
Duration 8 months
Work Mode Hybrid
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Salary Range \$ \$24 - \$27 hourly
Job Description

Application Link: Engineering Student, Software (SKA) - Summer 2025

Description

Building the space between proven and possible, **MDA Space** (TSX:MDA) is a trusted mission partner to the global space industry. A robotics, satellite systems and geointelligence pioneer with a 55-year+ story of world firsts and more than 450 missions, MDA Space is a global leader in communications satellites, Earth and space observation, and space exploration and infrastructure. The MDA Space team of more than 3,000 space experts in Canada, the US and the UK has the knowledge and know-how to turn an audacious customer vision into an achievable mission - bringing to bear a one-of-a-kind mix of experience, engineering excellence and wide-eyed wonder that's been in our DNA since day one. For those who dream big and push boundaries on the ground and in the stars to change the world for the better, we'll take you there.

As a member of the Engineering team you may work on our programs such as CHORUS Synthetic Aperture Radar (SAR) Satellite, Canadian Surface Combatant (CSC), Square Kilometer Array (SKA) radio telescope, Aeronautical Navigation products, and Marine Insights products. You will work as part of a technical team to develop new capabilities, enhance existing capabilities and deliver solutions to our customers.

As part of your growth and development we will work with you to establish your development actions alongside regular progress reviews. You are likely to move through various projects to gain the experience and knowledge to progress your career with us.

For those who dream of advancing our space in the Universe and on Earth, we'll take you there.

Details:

We're on the hunt for a motivated and talented **Engineering Student** in our Geointelligence department at our Richmond office.

This is an **8-month** term starting in **May 2025**.

Overall the successful candidate would be treated similar to a new graduate joining our company, where tasks will be assigned relative to the level of schooling and experience achieved to date.

The successful candidate will be a member of an Agile team designing and developing software for a signal processing system that is part of the international Square Kilometre Array (SKA) radio telescope project.

Responsibilities:

- Develop Python and C++ software including tests and tools
- Participate in team design and review activities
- Track and provide status updates via JIRA

MDA Ltd. is proud to provide accommodation(s) during the recruitment process. Should you require any accommodations, please indicate this on your application/cover letter and we will work with you to meet your accessibility needs.

The compensation range for this position is \$24 - \$27 hourly.

Job Requirements

Comments/Special Considerations:

Successful candidates must obtain and hold **security clearance at the reliability status** level, and pass security assessment for the **Controlled Goods Program (CGP)**.

Experience and skills required:

Interested candidates should be working towards a Bachelor's degree in Computing or Engineering Science with three (3) years completed.

- Python
- C++
- Linux
- Excellent communication skills
- Attention to detail
- Self-motivation in a team environment

Desirable Skills:

- Docker
- Kubernetes
- CI/CD pipelines, DevOps
- Testing frameworks (e.g., pytest, GoogleTest)
- Agile software development
- Software microservice architectures
- Signal processing

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Application Link:

[https://recruiting.ultipro.ca/MAC5000MCDW/JobBoard/7667adcc-47ae-477a-9183-](https://recruiting.ultipro.ca/MAC5000MCDW/JobBoard/7667adcc-47ae-477a-9183-0d8ef8bc0748/OpportunityDetail?opportunityId=d15fe4a8-c08b-4f39-9703-3c1ad6aa0dd3)

[0d8ef8bc0748/OpportunityDetail?opportunityId=d15fe4a8-c08b-4f39-9703-3c1ad6aa0dd3](https://recruiting.ultipro.ca/MAC5000MCDW/JobBoard/7667adcc-47ae-477a-9183-0d8ef8bc0748/OpportunityDetail?opportunityId=d15fe4a8-c08b-4f39-9703-3c1ad6aa0dd3)

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.