Job Posting:165766 - Position: S25 Engineering Student - Python Test Data Processing 165766 E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/06/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/23/2025 09:53 AM
Job Posting Status:	Expired

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
\<b> Job Title \<b>	S25 Engineering Student - Python Test Data Processing 165766 E1
Position Type	Co-op Position
Job Location	Sainte-Anne-de-Bellevue, QC
Country	Canada
Duration	4 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Application Link: Engineering Student - Python Test Data Processing - 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.
Are you ready to launch the next stage of your career in the new space economy? We would love to hear from you!
We're on the hunt for a motivated and talented Engineering Student in our RF & Power & Component engineering department at our Sainte-Anne-de-Bellevue office. This is a 4 months mandate (with a possibility of 8 months) starting in May 2025.
As the leading global independent commercial supplier of antennas, payloads, and electronics for communication and radar satellites, our team has successfully contributed to hundreds of missions in the past 60 years. With an extensive heritage in a wide range of solutions delivered to customers globally, our Satellite Systems team continues to grow and evolve on the ground and in the stars.
We're a dream team of purpose-driven, collaborative and passionate people, and we are constantly looking for others to join

#TeamMDA to ignite new and innovative approaches to problem-solving that push us forward to improve life on and above Earth. If you're excited to expand our place in space and driven to inspire the next generation, we'll take you there.

We have entered a new era of exploration and development, and MDA welcomes all who yearn to suit up and be part of it. An equal opportunity employer prizing diversity, integrity and collaboration, we are committed to growing MDA's and Canada's leadership in this next golden age.

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.

Role:

With the supervision of the team in place, the Python Test Data Processing Interne will develop test data processing software in Windows, using Python, for the test automation of various satellite electronic equipment. You will interact with multidisciplinary teams and will need to develop an understanding of hardware measurements, including network analyzer, spectrum analyzer and oscilloscopes.

Responsibilities:

• Create\Modify data processing scripts that automate pass/fail criteria and report generation on complex satellite payloads
• Develop and integrate test data automation solutions to support high volume production of flight hardware
• Design, code, test, debug and document high-quality software
• Participate in integration, testing and deployment of test data processing
• Assist in troubleshooting problems in a software production environment
• Prepare required documentation

Equal Opportunity Statement:

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.

Job Requirements

Qualifications :

• Minimum of 5 sessions completed of an Engineering degree and interest in the field of electronics testing and integration
• Software development Experience in Python
• Ability to work with an existing code base\framework
• Knowledge of electronics and associated test equipment; experience in radiofrequency (RF) measurement is an asset.
• Experience working with Excel
• Demonstrated academic performance (good general average)
• Experience in electronics lab with test equipment is an asset
• Good verbal and written communication skills ideally both in English and French
• The ideal candidate would be a multidisciplinary, pro-active, enthusiastic, and result-oriented team player

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) and ITAR.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Cover Letter Required?   Optional
Address Cover Letter to   Hiring Manager
Special Application Instructions

Job closed
Application Link: Engineering Student - Python Test Data Processing - Summer 2025
Please upload a copy of both your Resume and your Transcript when you apply.
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.