Job Posting:163958 - Position: S25 Student, Software Requirements & Test 163958 E4

Co-op Work Term Posted: 2025 - Summer
App Deadline   03/05/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 02/19/2025 11:50 AM
Job Posting Status: Expired

ORGANIZATION INFORMATION

Organization   General Dynamics Canada
Country   Canada

JOB POSTING INFORMATION

Placement Term   2025 - Summer
<b> Job Title <b>   S25 Student, Software Requirements & Test 163958 E4
Position Type   Co-op Position
Job Location   London, ON
Country   Canada
Duration   4 months
Salary Currency   CAD
Salary   Salary Not Available, 0 Major List
Job Description

Job Title: Student, Software Requirements & Test
Job ID: 2913
Description
Please indicate in the "specific source" field on your application where you met us! Include the name and/or location of the Hiring Event or Career Fair you attended.

We are looking for someone to join our software requirements and test team who can contribute to the development of high quality software solutions for the family of Light Armoured Vehicles and who is willing to learn new skills. At Land Systems-Canada, we develop software for both embedded controls and desktop applications. We are looking for an intern who is interested in either embedded or desktop development and is flexible and willing to support either area. **The anticipated start date for the role is May 2025, with an expected 4-month term.** However, a variety of start dates and durations for this role are possible. Feel free to indicate your availability on your application.

Job Description:
You will support the team as required in some or all of the following stages of software development:
• Requirements definition
•Planning
•Software development (desktop applications, applications for state machines, etc.)
•Software testing
•Reporting
•Issues tracking and resolution
•Building Engineering Harnesses
•Repairing production test equipment
•Cataloging instruments and maintaining a database
•Coordinating production material moves for VSIL

•Procuring parts and consumables for Lab

Job Requirements

Preferred qualifications or experience:
• Development on a variety of platforms including Window CE/Embedded and Linux
•C or C++ (x86/64, ARM, Motorola, Freescale)
•Experience with Unified Modeling Language (UML) design and/or model driven development
•Experience with serial protocols for communication and logging
•Testing and debugging skills
•Knowledge of vehicle communication network protocols (SAE J1939, TCP/IP, UDP)
•Ability to participate in concept, UI, and feature development
•Strong oral and written communication, interpersonal and organizational skills
•Must be able to meet Anthropometrical Size Requirements for confined space
•Control theory / Mechatronics
•Experience in Linux
•Real-time systems
•Vehicle systems
•Safety Critical Systems - (i.e. ISO 26262/MISRA)
•Cyber Security - (i.e. SAE J3061, NIST)
•Agile, V-Model, Atlassian Suite
•Development experience with Qt, Xamarin Forms, Windows Forms

Citizenship Requirement   N/A

APPLICATION INFORMATION

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

Application Link:

https://generaldynamics-ca-careers.ttcportals.com/jobs/14966459-student-software-requirements-and-

test?tm_job=2913&tm_event=view&tm_company=48367
Indicate your interest to apply to this position in SCOPE and also submit your application package via the online website portal.
Applications are accepted on a rolling basis and the posting may expire at any time. Students should submit their applications as soon as they are ready.