Job Posting:166769 - Position: S25 Software Development Student 166769

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/01/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	02/06/2025 12:16 PM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Magna International Inc.
Address Line 1	337 Magna Drive
City	Aurora
Postal Code / Zip Code	L4G 7K1
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Software Development Student 166769
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: Software Development Student
Job ID: R00169982
Application Deadline: March 1, 2025
What we offer:
At Magna, you can expect an engaging and dynamic environment where you can help to develop industry-leading automotive technologies. We invest in our employees, providing them with the support and resources they need to succeed. As a member of our global team, you can expect exciting, varied responsibilities as well as a wide range of development prospects. Because we believe that your career path should be as unique as you are.
Group Summary:
Magna is more than one of the world's largest suppliers in the automotive space. We are a mobility technology company built to innovate, with a global, entrepreneurial-minded team. With 65+ years of expertise, our ecosystem of interconnected products combined with our complete vehicle expertise uniquely positions us to advance mobility in an expanded transportation landscape.
Job Responsibilities:
The student will work closely with Data Scientists/Software Engineers on multiple software development projects. The projects will include the development of microservices-based architectures, REST APIs, C++, Python and user interfaces using JavaScript and React. The candidate should be familiar with software development workflows, including coding, testing, deployment, and maintenance.
Essential Duties and Responsibilities:
• Develop software applications based on supervisors' requirements.

•Implement and test microservices-based architectures.

•Develop and integrate REST APIs.

•Create and maintain user interfaces using JavaScript and React.

•Test and evaluate the developed software solutions.

•Present technical results and provide recommendations based on the project outcomes.

Work Environment:

• Normal amount of sitting or standing, average mobility to move around an office environment, able to conduct normal amount of work at a computer.

•The candidate may be exposed to the automotive manufacturing environment.

Awareness, Unity, Empowerment:

At Magna, we believe that a diverse workforce is critical to our success. That's why we are proud to be an equal opportunity employer. We hire on the basis of experience and qualifications, and in consideration of job requirements, regardless of, in particular, color, ancestry, religion, gender, origin, sexual orientation, age, citizenship, marital status, disability or gender identity. Magna takes the privacy of your personal information seriously. We discourage you from sending applications via email to comply with GDPR requirements and your local Data Privacy Law.

Job Requirements

Qualifications:

• Graduate/Senior UG student of computer science, software engineering, or equivalent engineering discipline.

•Strong C++ and Python programming experience is required.

•Experience with JavaScript and React is required.

•Familiarity with microservices-based architecture and REST APIs.

•Experience with Protobuf for data serialization is preferred.

•Experience with software development processes and tools.

•Experience with software's processing time optimization, CUDA implementation tools like cuBLAS.

•Experience with UI development and testing is a plus.

•Experience with 3D reconstruction techniques is an asset.

Education/Experience:

• Currently attending University, preferably a graduate student.

Special Knowledge and Skills:

• Strong technical and analytical skills.

•Ability to work on complex engineering systems with creative ways.

•Proficient in Microsoft Office Products (Excel, Word, Power Point)

•Professional Communication skills (written and verbal).

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://wd3.myworkdaysite.com/en-US/recruiting/magna/Magna/job/Software-Development-Student_R00169982

Application Deadline: <mark>March 1, 2025</mark>

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.