

Job Posting:174386 - Position: W26 Software Engineering Co-op 174386

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/21/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	10/14/2025 02:40 PM
Job Posting Status:	Approved

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	2026 - Winter
 Job Title 	W26 Software Engineering Co-op 174386
Position Type	Co-op Position
Job Location	Newmarket, ON
Country	Canada
Duration	8 or 12 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Software Engineering Co-op

R00214954

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:

The Mechatronics, Mirrors and Lighting group specializes in automotive technologies that are driving the future of mobility. Combining a deep systems knowledge to develop unique vehicle access experiences, intelligent visions systems and advanced automotive lighting technologies, MML's expertise light the path to innovation, safety and styling.

Job Responsibilities:

For a big company, we're surprisingly entrepreneurial. Expect a collaborative and supportive atmosphere that will help you grow, both professionally and personally. We are committed to delivering success by offering our customers a truly diverse and global range of products. Step into an inclusive and dynamic team - Be part of the Magna family.

Closures Technical Centre, a division of Magna International Inc., is focused on the design, development and testing of Mechatronics products for the automotive industry. **We are currently looking for a student in the Computer Science or related field for a 8-16 month co-op placement starting on January 5, 2026.**

RESPONSIBILITIES:

- Utilizing Web Development in Vue3.js, React, Python, Azure DevOps, and AI integration to build cutting-edge applications, with integration to mechanical simulation and CAD software
- Construct Backend Frameworks using Flask and Python with connections to external sources and databases
- Taking ownership to complete the Frontend development (UI/UX design, implementation) for projects
- Generally assigned to software processes, automations, internal applications, existing business and/or minor modifications
- Supports the complete development for the designated products including, but not limited to design, build and test activities, in accordance with standard operating procedures and the product delivery process
- Build internal analytical and software tools to streamline engineering processes to support large volumes of projects
- Supports customer requirements, regulations and product specifications into the design of the designated products, ensuring compliance with operational, cost, timing, safety, reliability, quality, and manufacturing feasibility parameters
- Analyzes products and formulates engineering conclusions by the application of engineering and/or mathematical principles and tools
- Consults and collaborates with personnel in various engineering and design activities relative to product development requirements
- Supports global CAE activities as a global team
- Supports effective communications within the project team and the customer, supplier, manufacturing and quality communities with guidance from engineering management or senior engineering personnel. Maintains all appropriate documentation
- Understands and follows existing policies, procedures, work instructions and standards and makes recommendations for continuous improvements
- Follows Magna's Code of Conduct & Ethics and related compliance policies
- Perform other duties as required

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 or traditional mail to comply with GDPR requirements and your local Data Privacy Law.

Worker Type:

Intern (Fixed Term) (Trainee)

Group:

Magna Mechatronics, Mirrors & Lighting

Job Requirements

QUALIFICATIONS & SKILLS:

- Working towards a bachelor's degree in engineering, Computer Science or related fields from an accredited university
- Good understanding of Engineering Mechanics and Dynamics is preferred, particularly in the areas of rigid body force analysis and travel calculations
- Strong communication, organization, and teamwork skills are required
- Ability to work independently and adapt to fast-paced environments
- Experience with one of the programming languages is required: Python, MATLAB, C++, VBA

Experience in the following skill sets is an asset:

- Proficient in frontend technologies: HTML5, CSS3, JavaScript ES6+, TypeScript
- Familiar with frameworks: React.js, Vue.js 3, Angular, Next.js, Nuxt.js, Gatsby, Vite
- Knowledge of state management: Redux Toolkit, Zustand, Jotai, Pinia, Vuex, NgRx
- Styling tools: Tailwind CSS, Bootstrap, Styled-components, Emotion
- UI libraries: Material-UI, Ant Design, Chakra UI, Vuetify, Element Plus, PrimeNG
- Backend experience: FastAPI, Flask, Django, Express.js, NestJS
- Database skills: SQL Server, Redis, Prisma, TypeORM
- Exposure to CI/CD tools: Docker, GitHub Actions, GitLab CI
- AI/ML experience: TensorFlow, PyTorch, scikit-learn, transformers
- Data tools: pandas, numpy, matplotlib, Power BI, Tableau
- Familiarity with design tools: Figma, Adobe XD, Storybook
- Understanding of scalable architecture: Microservices, SOA, Event-driven, Serverless, DDD, API-first, N-tier
- Security & authentication knowledge: OAuth 2.0 (Authorization Code/PKCE), Microsoft Entra ID SSO, JWT lifecycle management

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Application Link:

https://wd3.myworkdaysite.com/en-US/recruiting/magna/Magna/job/Newmarket-Ontario-CA/Software-Engineering-Co-op_R00214954?Worker_Type=5aaaed564f43016878b0b7f1c60258d1

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.