

Job Posting:174570 - Position: W26 Embedded Software Engineer Co-op 174570

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/27/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/20/2025 02:24 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Rivian Automotive
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Embedded Software Engineer Co-op 174570
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Work Mode	In-Person
Salary Currency	CAD
Salary	24.0 per hour for 40 Major List
Salary Range \$	24.00 hourly
Job Description	

Rivian & Volkswagen Group Technologies Description

Rivian and Volkswagen Group Technologies is a joint venture between two industry leaders with a clear vision for automotive's next chapter. From operating systems to zonal controllers to cloud and connectivity solutions, we're addressing the challenges of electric vehicles through technology that will set the standards for software-defined vehicles around the world.

The road to the future is uncharted. By combining our expertise across connectivity, AI, security and more, we'll map a new way forward. Working together, we'll create a future that's more connected, more intelligent, more sustainable for everyone.

The Infotainment team is at the core of reimagining what mobility can be. This team is responsible for building the platform on which a beautiful and intuitive in-vehicle experience is built and delivered to Rivian and VW vehicles. This role is open for co-op students with a strong background in embedded systems.

THIS IS WHAT YOU WILL DO:

- Bring up new boards, integrating the base software operating system and drivers to enable the foundation of the vehicle application software
- Design, develop and deploy embedded software for applications including alarms, occupancy detection, chimes, and over-the-air update (OTA)
- Collaborate with the hardware team on overall design, schematics, and hardware validation
- Work closely with other development and cross-functional team members such as Charging, Body Controls, Infotainment, and Vehicle Dynamics

THIS IS WHERE YOU'LL WORK:

Department: Vehicle Core Software Team
Location: Vancouver

Job Requirements

THIS IS WHAT YOU NEED:

- Pursuing a Bachelor's or Master degree in Computer Science or Software Engineering.
- Strong C programming skills
- Real Time Operating Systems (RTOS)
- Embedded software development and optimization
- Software development on microcontrollers
- Good team player with great communication skills
- Ability to work in a fast-paced development environment
- Passionately motivated to take ideas from R&D phase to a product

BONUS:

- Experience in automotive applications
- Multi-threaded and multi-core programming
- Software development for systems with live sensor inputs
- High performance processors and platforms such as ARM, ATOM, DSP, FPGA, GPU
- Scripting languages (for example PERL, Python)
- Experience with CAN, Ethernet, SPI, I2C

Citizenship Requirement N/A

Position Start Date January 12, 2026 12:00 AM

Position End Date August 14, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? No

Special Application Instructions

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.