Job Posting:174633 - Position: W26 Software Test Automation Engineer 174633

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/28/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/21/2025 03:37 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Rivian Automotive
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Test Automation Engineer 174633
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 Volkswagen Technologies Group is on a mission to create best-in-class software technology and next-generation electrical architecture to accelerate the transition to electric vehicles, scale technologies across markets and create high-volume vehicles. This is made possible with the curious and courageous souls we seek to attract.

As a company, we constantly challenge what's possible, never simply accepting what has always been done. We reframe old problems, seek new solutions and operate comfortably in areas that are unknown. Our backgrounds are diverse, but our team shares a love of the outdoors and a desire to protect it for future generations.

THIS IS WHAT YOU WILL DO:

- Contribute to the development of software test automation for vehicle controls, specifically focusing on high voltage Battery Management System (BMS)..
- Design, develop, and deploy robust automated test scripts for Software-in-the-Loop (SIL) and Hardware-in-the-Loop (HIL) environments, ensuring comprehensive software requirements coverage and high code coverage metrics.
- Debug and analyze software test failures to identify root causes, support timely bug fixes, and drive continuous improvements in software quality and test suite efficiency.
- Assist in failure analysis and root cause investigations for both production and test software, contributing to the reliability of our electric vehicles.
- Explore and apply Artificial Intelligence (AI) and Machine Learning (ML) techniques to enhance automated test coverage, improve fault detection, and optimize test execution strategies.

THIS IS WHERE YOU'LL WORK:

Department: Vehicle Controls, ES&D Test and Integration Team

Location: Vancouver

Job Requirements

THIS IS WHAT YOU NEED:

• Strong python, C/C++ programming skills
•Great collaboration and communication skills
•Sound knowledge of embedded software and hardware systems
•First principles thinking and an eagerness to learn
•Passionate to work in a fast-paced environment

PREFERRED:

• Pursuing a Bachelors' or Masters' degree in computer science, software engineering, computer engineering, electrical engineering, or similar
•Comfortable with Electrical Engineering fundamentals
•Experience or familiarity with automotive systems and applications
•Experience working with CAN, Ethernet, LIN, UDS, CANApe or similar
•Experience or familiarity with energy storage systems

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.