

## Job Posting:166062 - Position: S25 Energy Storage & Distribution Software Engineer 166062

**Co-op Work Term Posted:** 2025 - Summer  
**App Deadline** 02/03/2025 09:00 AM  
**Application Method:** Through UBC Science Co-op  
**Posting Goes Live:** 01/22/2025 03:09 PM  
**Job Posting Status:** Expired

### ORGANIZATION INFORMATION

**Organization** Rivian Automotive  
**Country** Canada

### JOB POSTING INFORMATION

**Placement Term** 2025 - Summer  
**<b> Job Title <b>** S25 Energy Storage & Distribution Software Engineer 166062  
**Position Type** Co-op Position  
**Job Location** Vancouver, BC  
**Country** Canada  
**Duration** 8 or 12 months  
**Work Mode** In-Person  
**Salary Currency** CAD  
**Salary** 24.0 per hour for 40 Major List  
**Salary Range \$** \$24 - \$27 Hourly  
**Job 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'll do:**

- Support vehicle software development in C for customer facing energy features
- Design, develop and deploy scripts for automated software testing to meet software requirements and code coverage metrics
- Develop software to support bug fixes, improvements and enablement of KPIs
- Define and implement software unit tests, and support HIL, SIL and vehicle tests
- Support failure analysis and root cause analysis for production and test software

#### **Job Requirements**

##### **Qualifications:**

- 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 skills:**

- 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

## **APPLICATION INFORMATION**

**Application Procedure** Through UBC Science Co-op

**Cover Letter Required?** No