Job Posting:166358 - Position: S25 Computer Science / Programmer - Co-op 166358 E1

Co-op Work Term Posted: 2025 - Summer
App Deadline   02/12/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 02/05/2025 02:19 PM
Job Posting Status: Expired

ORGANIZATION INFORMATION

Organization   Grin Technologies Ltd
Country   Canada

JOB POSTING INFORMATION

Placement Term   2025 - Summer
<b> Job Title <b>   S25 Computer Science / Programmer - Co-op 166358 E1
Position Type   Co-op Position
Job Location   Vancouver, BC
Country   Canada
Duration   8 months
Salary Currency   CAD
Salary   17.0 per hour for 0 Major List
Salary Range $ $17-19/hr
Job Description

Job Title: Computer Science / Programmer - Co-op (8 Months)
Job Types: Coop -8 Months
Rate: $17-19/hr (depending on skills/experience
Grin Technologies is a Vancouver-based company that was started by UBC engineers in 2005 to advance electric bike technology. Over the past 20 years we have grown to become a leader in the research, design, manufacture and distribution of parts worldwide for the ebike and EV revolution.
We are a young, energetic operation with an open, friendly and fun work environment. Most of our R&D, manufacturing, warehousing and order fulfillment is done right out of our new facility here in East Van. In this position you get to work with a team of 32 people who are passionate about what we do and believe that electric assist technologies can help expand the reach of bicycles to a much wider audience. We have also started dabbling in Marine Applications!
About the Job:
We're looking for motivated quick-learners to be involved in the design and maintenance of apps, front-end web applications and/or back-end operations of our Magento based e-commerce system. Responsibilities may also include requirements gathering, design, testing, documentation, implementation and bug analysis. Projects will greatly depend on the students skills and interests.
You will be working under the supervision of Stefan Jauca (Manager of Software and Web Development and a previous-Co-op) and company owner Justin Lemire-Elmore along with our engineering team.
This will be an 8 month Coop placement starting Summer 2025 (and beyond for the right person).
Tasks:
Duties can vary based on the demands and direction of our R&D but the three primary tasks will be:
• Maintenance and development of interactive web applications (see examples below) and user software for Grin Technologies products and website.
• The management of our Magento website back-end, including upgrades to the platform, server, hosting, backup details, custom

coding new features and improvements to the layout and UI.

•Designing new or improving on existing mobile applications.

•To work with instrumentation and scripts for automating the operation and analysis of custom built Grin R&D and Manufacturing QC equipment.

There may be need to help out on other areas including developing scripted applications for further automating our internal business operations such as order fulfillment, battery testing, and shipping logistics, as well as assisting in development of our mobile apps. And of course, this list is not exhaustive; other duties may come up as business needs arise.

Visit our website here: http://www.ebikes.ca

Some examples of web applications that former students have largely been involved in the development and deployment of include our:

• Trip Simulator: https://ebikes.ca/tools/trip-simulator.html

•Spoke Calculator: https://ebikes.ca/tools/spoke-calc.html

•Charge Simulator: https://ebikes.ca/tools/charge-simulator.html

•Trip Analyzer: https://ebikes.ca/tools/trip-analyzer.html

•Motor Simulator: https://ebikes.ca/tools/simulator.html

Benefits:

• Build Your Own eBike!!

•Leading edge training in eBikes

•Casual dress

•Opportunities to get involved in other projects

•Company events & social hours

Job Requirements

Skills:

• Must-Have's: Javascript, PHP, Python, and C++ and use of git repositories for code management

•Nice-to-Have's: Magento or any other eCommerce platforms

Traits we look for:

• A keen eye for detail and accuracy

•A high degree of job responsibility to get work done

•An eagerness to learn/try new things

As a small business employee, you will get to wear multiple hats and correspondingly enjoy the many opportunities for growth and development. We are committed to a gender balanced workplace and encourage women to apply

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op

Cover Letter Required?   Yes

Address Cover Letter to   Guy Thorburn

Special Application Instructions

How to Apply (READ CAREFULLY):

Please apply through your Coop Program but be sure to include your resume and a short **COVER LETTER** that describes an interesting project or activity you are or have been involved. It doesn't matter what it is, tell us a story in no more than 150 words. **PLEASE NOTE: THIS COVER LETTER IS MANDATORY**. Applications without a personal note to us will not be accepted.