Job Posting:166564 - Position: S25 Software Developer Co-op (Processor Software) 166564

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/10/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	02/03/2025 03:54 PM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	D-Wave Systems Inc.
Address Line 1	3033 Beta Avenue
City	Burnaby
Postal Code / Zip Code	V5G 4M9
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Software Developer Co-op (Processor Software) 166564
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
Salary Range $	$25.00 to $30.00 per hour

Job Description

D-Wave is the leader in the development and delivery of quantum computing systems, software, and services and is the world's first commercial supplier of quantum computers. Our mission is to unlock the power of quantum computing by delivering customer value with practical quantum applications for problems as diverse as logistics, artificial intelligence, materials sciences, drug discovery, cybersecurity, fault detection, and financial modeling.

D-Wave's systems and quantum cloud services are being used by some of the world's most advanced organizations, including Volkswagen, DENSO, Lockheed, and Los Alamos National Laboratory. We have also appeared in Time Magazine, MIT Technology Review, Forbes, INC Magazine and Wired.

As of August 8, 2022, our organization is a publicly traded quantum computing company, trading on the NYSE as ($QBTS).

Position:

The Processor Software Team at D-Wave is responsible for development, deployment, and support of the software used for the operation of our quantum computers and related hardware. Our software is used daily by D-Wave designers, engineers, lab techs, and physicists, and is responsible for controlling electronic instruments, running experiments, tracking system configurations, and

monitoring system health. We are seeking a co-op student to help in software feature development, bug fixes, testing, and general support for our software product that is responsible for controlling and monitoring our cryogenic fridge hardware. This position is a full time, 4-month contract from May to August 2025.

Responsibilities Include:

• Feature development (backend and frontend) at a level appropriate to candidate's experience
•Designing and writing test routines to improve code reliability
•Assisting our team in responding to bug reports
•Interacting with D-Wave employees to understand how to improve their workflows

Job Requirements

Qualifications:

- **Enrolled in 3rd year or higher Computer Science or Software Engineering, or other technical field such as Physics or Engineering physics with a strong focus and interest in software engineering**

•Previous co-op or work experience in programming or software engineering
•Experience with Linux or other Unix based system
•Experience with version control software such as Git
•Proficiency in Python
•Experience with IoT or network programming using Python's asyncio would be an asset
•Experience with Grafana or other observability technologies would be an asset
We thank all applicants for their interest, however, only those who are selected for interviews will be contacted.

D-Wave systems is passionate about building a diverse and inclusive workplace and welcomes applicants from a wide range of backgrounds, identities and experiences. It is our policy to provide equal employment opportunity to all persons regardless of race, color, religion, sex, national origin, age, sexual orientation, gender identity, genetic information, physical or mental disability, protected veteran status, or any other characteristic protected by federal, state or provincial laws and regulations.

Citizenship Requirement	N/A
Position Start Date	May 05, 2025 12:00 AM
Position End Date	August 29, 2025 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Hiring Manager

Special Application Instructions

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.