

Job Posting:173765 - Position: W26 Software Engineer 173765

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/30/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	09/23/2025 01:59 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	OSENSA Innovations Corp.
Website	osensa.com
Address Line 1	8672 Commerce Ct
City	Burnaby
Postal Code / Zip Code	V5A 4N7
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Software Engineer 173765
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	8 or 12 months
Work Mode	In-Person
Salary Currency	CAD
Salary	22.5 per hour for 40 Major List
Salary Range \$	\$20-\$25
Job Description	

OSENSA Innovations develops and manufactures fiber-optic sensor products for semiconductor, life sciences and high-voltage power applications. After developing world-leading temperature sensing technology OSENSA is now rapidly expanding its product portfolio to integrate other sensing capabilities into monitoring systems with remote cloud-based capabilities. Please refer to our website www.osensa.com for additional details.

We are looking for a 3rd or 4th year student with background in computer science or software engineering for a full-time co-op position to work at our Burnaby research and manufacturing facility. OSENSA offers flexible work hours, and a highly technical and exciting collaborative work environment.

The successful candidate will develop internal and customer facing applications in all stages. You will be involved in developing, testing and troubleshooting the back-end and front-end code developed as software applications for industrial devices or internal tools.

You are a passionate programmer who knows his toolbox. You know how to use the right tool for the job and know how to avoid reinventing the wheel. You are up to date with programming best practices and willing to learn and utilize new tools and frameworks as needed. You understand what production ready means and will take your time to do proper testing of your code.

You are aware of why unit-testing matters, and you advocate for test automation. You are also self-motivated, creative, and disciplined; you know how to work in a team environment.

What you will be doing:

- Developing applications running on Linux (back-end **python**, front-end **Svelte**)
- Developing python modules and services for IoT devices and internal tools
- Troubleshooting and fixing bugs
- Writing unit and integration tests
- Participating in code reviews

Job Requirements

Requirements for the position:

- Python programming experience
- JavaScript/TypeScript programming experience
- Familiar with object oriented programming concepts
- Familiar with Linux as a development environment
- Solid understanding of software engineering
- Experienced git user
- Familiar with RESTful APIs
- Excellent verbal and written communication skills
- Attention to detail and commitment to product quality
- Degree in a relevant discipline (Computer Science, Mathematics, Engineering)

Not required, but beneficial:

- Familiar with SQL and no-SQL databases
- Experience using and developing projects for the Raspberry Pi
- Linux admin experience
- Well understanding of security in application programming
- Familiar with Svelte
- Previously demonstrated talent and initiative on relevant projects including an online portfolio show casing your work

Residency requirements

Canadian Citizen or Canadian Permanent Resident

Citizenship Requirement Canadian & Permanent Residents Only

Position Start Date January 01, 2026 12:00 AM

Position End Date August 31, 2026 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
How to apply:

- REQUIRED: Your resume in **PDF** format
- REQUIRED: A very brief cover letter (not exceeding **100 words**) describing why you would be a good candidate for this job
- REQUIRED: A link to your GitHub account (or similar) in your resume. Applications that do not provide access to any version controlled source code, cannot be considered

