

Job Posting: 177217 - Position: S26 Co-Op - Candidate for Computer or Electrical Engineer 177217

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/30/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/16/2026 10:23 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Strata Engineering
Address Line 1	#408 - 4621 Canada Way,
City	Burnaby
Postal Code / Zip Code	V5G 4X8
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Co-Op - Candidate for Computer or Electrical Engineer 177217
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	17.85 per hour for 40 Major List
Salary Range \$	\$17.85 - \$19.85 CAD
Job Description	

Job Title: Co-Op - Candidate for Computer or Electrical Engineer

Strata Engineering Inc. is hiring for a Co-Op Student enrolled in a program at Simon Fraser University, or the University of BC, returning back to their program in the next year to join the IT team. Please note we will only be interviewing candidates from these post-secondary institutions. The role is a fixed-term contract starting May 4th and ending Aug 28th.

About the Role:

We are looking for an engineering candidate who can build, train, and optimize deep learning models in Tensorflow, and deploy them for high-performance inference on Google Tensor / ASIC-based environments.

Beyond model training, you'll also be hands-on in developing tools for image manipulation, and augmentation in a microservices architectural. Applications will be built in Python, PHP, C#, Flutter, and even Excel (VBA/macros) for internal tools and automation.

Main Role Functions:

AI / Machine Learning (Core)

- Design, build, and train deep learning models using TensorFlow (and Keras where appropriate).
- Prepare and preprocess datasets (cleaning, augmentation, feature engineering).
- Optimize models for inference on Google Tensor / TPU / Google Cloud ML infrastructure (quantization, pruning, model conversion, etc.).
- Implement and manage microservices pipelines (REST APIs, batch inference, on-device inference where applicable).

Application Integration (Python, PHP, C#, Flutter)

- Build backend services in Python and/or PHP to expose model predictions via APIs.
- Integrate AI functionality into C# applications (e.g., desktop apps, services, or back-office tools).
- Develop and maintain Flutter front-end/mobile apps that consume AI APIs and display results in a user-friendly way.
- Collaborate with front-end and full-stack developers to align API design, data contracts, and performance constraints.

Automation & Reporting (Excel / Macros)

- Create and maintain Excel tools and dashboards that connect to AI services or process model outputs.
- Write and optimize Excel VBA/macros to automate data preparation, reporting, and simple analytics workflows.

Collaboration & Documentation

- Work closely with product owners, domain experts, and other engineers to translate business problems into ML solutions.
- Document model architectures, data pipelines, APIs, and deployment procedures with clear, maintainable technical writing.
- Prepare and support electrical planning reports and technical documentation under the guidance and review of a Professional Engineer (P.Eng), ensuring compliance with engineering standards, safety considerations, and regulatory requirements.
- Participate in code reviews, design discussions, and architecture decisions to maintain high engineering quality across projects.

Other:

This role runs from May 4th to Aug 28th and is 40 hours a week, fully on-site at our office 4621 Canada Way, Burnaby, BC.

Job Requirements

Qualifications:

Candidate in Computer Engineering, Systems Design Engineering, Systems Engineering, Integrated Engineering or Electrical Engineering.

Skills / Highlights:

OOP understanding, GIT experience, ML model development experience, DevOps experience

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Yes

Address Cover Letter to Hiring Manager

Special Application Instructions

Application Link:

<https://secure.collage.co/jobs/strataengineering/58983>

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. 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.