

Job Posting:170771 - Position: F25 Jr. Analyst (Student) 170771B

Co-op Work Term Posted: 2025 - Fall
App Deadline 06/25/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 06/17/2025 12:03 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Fisheries and Oceans Canada
Address Line 1 401 Burrard Street
City Vancouver
Province / State BC
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Fall
** Job Title ** F25 Jr. Analyst (Student) 170771B
Position Type Co-op Position
Job Location Vancouver, BC
Country Canada
Duration 4 months
Work Mode Hybrid
Salary Currency CAD
Salary Salary Not Available, 37.5 Major List
Salary Range \$ \$18.84 - \$28.30

Job Description **Job Title:** F25 Jr. Analyst (Student) 170771B
Job Location: 401 Burrard Street, Vancouver, BC
Work Mode: Hybrid - 3day/week in-office
Duration: 4 months (possible 4-month extension)
Salary: Salary Not Available, 37.5 Major List
Job Posting: We are currently looking for a student to be a part of the Strategic Salmon Data Policy and Analytics team.

Strategic Salmon Data Policy and Analytic Team

The Strategic Salmon Data Policy and Analytics unit works in partnerships across DFO to continuously enhance and implement the DFO's Data Strategy, data governance and data literacy, as well as advance data science and analytics, data management and data sharing to enable policy, service delivery and results reporting within Pacific salmon in the region.

We are looking for a co-op student to advance their work in the unit. This is a paid position and the work will fluctuate throughout the semester, but may include:

- Participate in weekly sprints to review and execute deliverables
- Conduct research and provide summative comparisons among industry's best practices on cloud architecture, data management, data processing, OpenAI, machine learning modelling, and analytics tools

- Present and support the development of products that help Pacific salmon data more findable, accessible, interoperable, and reusable (F.A.I.R). Examples are, creating Cloud-based integrations with existing data architecture, understanding data life cycles in correlation to business operations, implementing data-science methodologies, providing analysis on data, and designing interactive dashboards using PowerBI/Tableau/R Shiny.
- Coordinate and meet with program and field experts to develop business solutions based on business requirements, leveraging IT/software solutions, while playing a role in the broader new government digital transformation strategy and program.

Job Requirements

Essential Experience and skills:

- Ability to synthesize ideas from multiple sources of data and information, and communicate it in a clear, concise, and structured manner through various formats (written, verbal, graphical, etc.)
- Ability to work independently, as well as in collaboration with team members, and colleagues across an organization.
- Ability to collaborate with others through effective communication, active listening, and transparency of work and knowledge.
- Keen attention to detail and a quick learner.
- Takes initiative and promotes innovation.
- Manages time and balances multiple priorities and deadline dates.
- Proficiency in at least one programming language like Python, Java, C++, or JavaScript.
- Strong foundational understanding of algorithms, data structures, data lifecycles and their applications.
- Basic knowledge of version control systems like Git.
- Experience with HTML, CSS, and JavaScript, or frameworks like React or Angular.
- Familiarity with SQL and databases like MySQL, PostgreSQL, or NoSQL databases such as MongoDB.
- Awareness of how software projects are planned, developed, and deployed.
- Experience with computer science and mathematical algorithms to showcase problem-solving abilities.

Asset Qualifications - skills that would be beneficial for a candidate to have, but not essential:

- Knowledge of cloud services and platforms (i.e. Azure, AWS, Snowflake, etc) and deploying services and tools
- Knowledge of containerizing web applications using Docker and hosting them on a cloud or hardware service.
- Knowledge of using SQL and databases like MySQL, PostgreSQL, or NoSQL databases such as MongoDB.
- Knowledge of working with notebooks on platforms such as Jupyter or Databricks.
- Knowledge of working with virtual environments and machines.
- Knowledge and experience working with data intelligence tools such as Power BI, Tableau or sufficiently proficient in analytical programming languages such as R or Python.
- Intermediate proficiency in developing interactive data visualizations.
- Familiarity with Artificial Intelligence (Large Language Models) and Machine Learning Models (Supervised - regression, classification, Unsupervised - clustering).
- Knowledge of data analytics, lifecycle, and management principles, best practices, tools, products, and services
- Knowledge of government policies and their intersections with operational complexities and business environment (Business Acumen/Intelligence)

Experience in providing secretariat support to committee and working group meetings, with the training of students and staff in the use of communication technology and in the use of the Internet, and in the use of the Internet for research and development.

Citizenship Requirement

Canadian & Permanent Residents Only

APPLICATION INFORMATION

Application Procedure

Through UBC Science Co-op

Cover Letter Required?

Yes

Address Cover Letter to

Tan Tran