Job Posting:167716 - Position: S25 Jr. Analyst (Student) 167716B

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/14/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	03/07/2025 02:46 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 - Summer
<b> Job Title <b>	S25 Jr. Analyst (Student) 167716B
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

Position Name: Jr. Analyst (Student) hada (DFO) and education level (Government of Canada Student Rates of

Work Hours: 7.5 hours a day, Monday - Friday (Hybrid - 3day/week in-office)

Additional Requirements: Must be a Canadian Citizen or Permanent Resident

Employer Description:

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 one or two students to advance the work in the unit. Provided candidate's rating and their responsibilities 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, with a role in implementing the new government the develop new products and services to positively impact working in the broader role, given content the

Job Requirements

Essential Qualifications

Required 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

Additional qualifications 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 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 with 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 providing secretariat support to committee and working group meetings

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