

Ava Bourget

Geoscience Intern | Earth & Ocean Science | www.linkedin.com/in/ava-bourget

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Highlights of Qualifications

- Third year Bachelor of Science student at the University of British Columbia, majoring in Earth & Ocean Science.
- Detail oriented with strong pattern recognition skills, developed through various lab and work experiences.
- Proven teamwork and communication skills gained during previous jobs and project positions in leadership and collaborative roles, in both an academic and workplace setting.
- Highly motivated to explore and learn more about GIS analysis and the mineral exploration industry.
- Strong interest in addressing environmental problems through problem solving and scientific research.
- Technical lab skills: field mapping and measurements, mineral/fossil identification, chemical laboratory procedures and scientific report writing.
- Technical computer skills: ArcGIS and QGIS for mapping and spatial analysis and R for data analysis and visualization.

Education

Bachelor of Science: Earth & Ocean Science, 3rd Year

Expected graduation: April 2027

University of British Columbia, Vancouver BC

- BC Achievement Scholarship: \$1250 awarded to the top 8000 students in the province.

Relevant Courses

GEOS 206: Geomorphic Processes and Hazards

- Expanded upon my knowledge of geomorphology and hazard management. Became familiar with QGIS to produce geospatial analyses and reports of hazards in the Greater Vancouver region.

GEOG 310: Environment and Sustainability

- Gained extensive knowledge of sustainability concerns in British Columbia with a focus on environmental management. Developed critical thinking, in the context of resilience, regulation and history.

DSCI 100: Introduction to Data Science

- Learned to use R for data manipulation, organization, and analysis. Strengthened pattern recognition and problem solving based on data.

EOSC 221: Introductory Petrology

- Established familiarity with igneous, metamorphic, and sedimentary rocks and their properties, as well as gaining practical experience with optical mineralogy.

EOSC 223: Field Techniques

- Established practical experience in using maps and other resources to develop an understanding of the landscape. Worked in the field applying techniques such as observations and data collection to real situations.

EOSC 340: Climate Change: Causes and Solutions

- Gained a deeper understanding of the Earth's climate system, analyzing the root causes and drivers of climate change. Utilized diverse datasets to make informed predictions on global climate trends.

Work Experience

Restaurant Team Member (Part-time)

May 2025 – August 2025

Milestones & Toto Sushi - Tsawwassen, BC



- Handled all guest seating and layout management as well as phone order taking and processing to ensure efficiency and customer satisfaction. Delivered excellent customer services through in-person orders and table service.

Cleaning Team Lead (Part-time)

March 2021 - August 2024

Oceano Cleaning Services - Delta, BC

- Led team of 3+ employees to ensure tasks were completed efficiently, utilizing strong team leadership skills to coordinate and motivate employees
- Optimized customer experience by implementing personalized cleaning services and upholding high standards of cleanliness and organization

Math Tutor (Part-time)

May 2024 - August 2024

Self-employed - Tsawwassen, BC

- Worked closely with Grade 8-10 students, reviewing notes and preparing them for exams by reinforcing key math concepts and improving their problem-solving techniques

Technical / Research Projects

GEOS 206 – University of British Columbia

January – April 2024

Geomorphological Hazards in the District of North Vancouver: How slope and fluvial hazards are impacting the area

- Performed extensive spatial and geological analysis using QGIS to create 5 different maps of Vancouver's Northshore, resulting in an A in the course.
- Wrote a detailed report outlining all the project's findings and key interpretations based on the spatial data.

GEOS 270 – University of British Columbia

March – April 2024

A Geographic Analysis of the Best Areas of Vancouver for Families with Children, Team member

- Applied open-source data and ArcGIS to map the best Vancouver neighborhoods for families, analyzing the multiple social and environmental factors.
- Used ArcMap to successfully display all maps and findings in a reader-friendly format, leading to a final grade of an A in the course.

CHEM 123 – University of British Columbia

January 2025

The effect of longwave UV radiation on the vitamin C content in ascorbic acid, Team member

- Designed and executed a procedure to measure the amount of vitamin C in a sample of ascorbic acid under UV light.
- Used lab techniques such as preparing a standard solution, dilutions and iodometric titrations to obtain a quantitative result while collaborating effectively with other group members.