

PRIYANSHU

Metro-Vancouver | connect@priyanshu.world | gis.priyanshu.world

EDUCATION

CAPILANO UNIVERSITY

Associate of Science

North Vancouver, BC

Expected April 2026

Relevant Coursework: **Geographic Information Systems (GIS), Spatial Analysis & Cartography**, Physical Geography, Weather & Climate Systems, **Statistics for Data Analysis**, Calculus I, Precalculus Mathematics, Physics for Life Sciences, Business Computing, Computer Applications

WORK EXPERIENCE

GEOSPATIAL RESEARCH ASSISTANT

Ongoing

- Collaborate with faculty on an academic book project by creating GIS maps, figures, and spatial visualizations for publication-ready content
- Source, clean, organize, and integrate geospatial datasets from multiple inputs to support research analysis and cartographic production
- Produce high-quality map layouts and visual outputs that communicate complex geographic information clearly to non-specialist audiences
- Apply consistent documentation, version control habits, and QA checks to maintain accuracy and visual consistency across project deliverables
- Support interpretation of spatial data and convert technical geographic concepts into clear visual materials for academic use

UNIVERSITY PROJECTS

GIS ANALYST (Academic Projects & Applied Labs)

August 2025

- Built and analyzed vector and raster GIS datasets using QGIS and ArcGIS, including projection management, attribute editing, querying, classification, buffering, and overlay analysis
- Designed thematic maps and presentation-ready cartographic outputs using sound layout, symbology, legend, and labeling practices
- Developed a survey-based, auto-updating GIS mapping workflow linking data collection with dynamic spatial visualization
- Cleaned, validated, and prepared geospatial data for analysis, improving consistency and usability across project workflows
- Worked with field-style and user-submitted spatial data, organizing records for mapping, visualization, and interpretation
- Supported reproducible GIS workflows through structured geoprocessing steps and careful data management

ACTIVITIES

Capilano Students' Union (CSU)

Committee Member, Student Engagement Committee

North Vancouver, BC

Sep 2024 – Present

- Contributed to planning and discussion of student engagement and campus initiatives

Volunteer, CapU Health & Recreation

- Provided student input on future wellness, health, and recreation programming

Volunteer, Educational Technology and Learning Environment (ETLE) Committee

- Participated in committee discussions on educational technology, learning environments, and student experience

ADDITIONAL

GIS: ArcGIS, QGIS

Spatial Analysis: Overlay, buffering, classification, spatial queries, geoprocessing

Cartography: Map layouts, symbology, labeling, legends, projections, publication-quality figures

Data Management: Spatial data cleaning, integration, validation, attribute editing, QA/QC

Web GIS: ArcGIS Online, survey-driven and dynamic mapping workflows

Tools: Microsoft Excel, Word, Outlook

Additional: Basic GIS workflow automation knowledge, strong documentation and multidisciplinary collaboration skills

Certifications & Training: Google Project Management Certificate (Coursera), **Occupational First Aid Level 1**, BST.