

# HAMEED KHORAMI

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I am looking to obtain a 'GIS analyst' position with a company where I can use environmental, technical, and GIS knowledge for 'their' research & operation needs. I am experienced with (JavaScript) online web mapping, proficient with ESRI data collection tools & ArcGIS-Pro. Furthermore, I can organize, create, and manage geospatial data to a 'Geodatabase' to support planned projects.

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## SKILLS

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<b>Internet mapping system:</b>	Use JavaScript programming to build customized web mappings
<b>ESRI and QGIS:</b>	Use ArcGIS Pro and QGIS for GIS operations, and Geodatabase
<b>GIS Visual Programming:</b>	Utilize Python Scripting to automate geoprocessing tasks
<b>Remote Sensing &amp; indices:</b>	Use PCI Geomatics & Earth engine for image interpretation/classifications

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## EDUCATION

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**Honours BA in Environmental Studies with minor in Geomatics**  
Carleton University, Ottawa, ON

**Sept 2017 – Present**

- GEOM 2007: Geographic Information System
- GEOM 3002: Introduction to Remote sensing
- GEOG 3103: Watershed Hydrology
- GEOM 3005: Geospatial Analysis
- GEOM 4005: Remote Sensing with Google Earth Engine (JavaScript Programming language)
- GEOM 4008: Advance Topics in GIS
- GEOM 4009: Applications in GIS

**Advanced Diploma in GIS Applications**  
Vancouver Island University, Nanaimo, BC

**Sept 2016 until April 2017**

- GEOM 501: Foundation of GIS
- GEOG 511: Geodatabase
- GEOG 593: Internet GIS
- GEOG 523: Advance Applied Spatial Analysis
- GEOG 581: Management Issues in GIS
- GEOG 591: GIS Applications Project

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## WORK EXPERIENCE

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### **Canadian Wildlife Federation (CWF), Ottawa, ON**

**Sept to Dec 2020**

GIS Student, Practicum-I

- Assisting the CWF GIS team in the development of the Canadian Aquatic Barrier Database
- Developing GIS skillset to support data management and Spatial Analysis
- Assisting GIS technicians with the acquisition, compilation, and aggregation of aquatic barrier data from multiple sources in a variety of formats into a standardized data format
- Support GIS technicians with QA/QC of barrier data and other datasets to ensure consistency and quality of data

### **Canadian Hydrographic Service (CHS), Department of Fisheries and Oceans Canada**

**Sept to Dec 2020**

GIS Student, Practicum-II

- Collaborate with CHS to expand on several initial method and prototype programs
- Assisting CHS to in analysis geographical naming records from the Database of the Geographic Names Board of Canada (GNBC) and compare with marine products of the CHS.
- Complete project by Nov 2020 of a story map to be released for Geographical Naming Day
- Exploring another project to detect undersea feature from contour pattern-recognition

### **Work Study Program, Carleton University, Ottawa, ON**

**Sept 2019 to March 2020**

GIS Student Assistant

- Transferred different Geomatics course materials from ArcMap to ArcGIS-Pro

### **Cowichan Valley Regional District (CVRD), Vancouver Island, BC**

**January to May 2017**

Practicum student

- Developed flood depth grid using LiDAR data to support floodplain mapping program at CVRD
- Prepared maps for flood hazards, flood risk, including modeled a predication for flood extends
- Delivered presentations on how to use GIS for flooding events using DEM and LIDAR data

### **The Future Skills Innovation Network (FUSION), Ottawa, ON**

**Sept 2020 to Dec 2020**

Carleton University's initiative for Practicum students

- FUSION is a national level cross-collaborative network of Canadian Universities focused on exploring innovative and inclusive experimental learnings approaches to prepare students for job markets
- Its goal is to help students with Communications, Metacognition, and Problem –solving Skills