Mary Kristen

(206) 719-2912 - marydkristen@live.com

EXPERIENCE

WSP / Golder Associates Inc., Redmond, WA — *GIS Analyst*

AUG 2021 - PRESENT

○ Streamline data management, GIS workflow, and data-driven solutions on short to long term projects

○ Technically support the identification, monitoring, and mitigation of geological and hydrological hazards

○ Use GIS software and scripting to effectively collect, manage, analyze, and present spatial data

○ Interface with internal and external clients to ensure scope, time, and budget needs are defined and met

NV5 powered by Quantum Spatial, Portland, OR — *GIS Technician*

MAY 2021 - AUG 2021

○ Responsible for processing and classifying LiDAR data to identify current hazards and reduce future risks

○ Ensure an efficient and effective project workflow and team collaboration on large scope projects

Women in Geospatial, Vancouver, BC — *Peer Mentor and Data Analyst*

OCT 2020 - MAY 2021

○ Mentored women in the GIS field in both technical skills, non-technical skills, and project development

○ Designed and conducted a project using Survey123 to improve networking for women in geospatial fields

UBC Campus and Community Planning Department, Vancouver, BC — *GIS Analyst*

AUG 2020 - APR 2021

○ Designed and conducted a research project to assess wheelchair accessibility in urban spaces using GIS

○ Created and maintained an interactive web map for accessibility navigation on campus

HydroGeoscience for Watershed Management Research Group, Vancouver, BC — *GIS Analyst*

SEP 2019 - MAY 2020

○ Modeled watershed attributes and ran geospatial analysis with the Hydrological Toolbox in ArcGIS

○ Managed and manipulated large datasets of high res. rasters and shapefiles delineating 1600 watersheds

EDUCATION

University of British Columbia (UBC) - Vancouver, Canada

Master of Geomatics for Environmental Management - AUG 2020 - APR 2021

○ Applied GIS and remote sensing techniques to analyze data, build models, and create useful visuals

BA - Geography: Environment and Sustainability - SEP 2016 - MAY 2020

○ Dean's List 2019-2020

○ Analyzed complex environmental problems through analytical, social, and economic lenses

Danish Institute for Study Abroad (DIS) - Copenhagen, Denmark

Accelerated courses in Ecology, Renewable Energy, and Environmental Philosophy - MAY 2018 - AUG 2018

TECHNICAL SKILLS

Expert: ArcGIS, ArcGIS Pro, ArcGIS Online, Survey 123, Esri Collector / Field Maps, ArcGIS Story Maps, Excel

Proficient: R, Python, SQL, QGIS, GEE, FME (certification completed)