

Misha Kuzma

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PROFILE

- Programmed in a professional environment using Python, C++, Visual Basic, as well as experience with personal projects using Java and front-end development tools
- Performed professional work with GIS and remote sensing software, including QGIS, ArcGIS desktop suite, ArcGIS Pro, ArcGIS Online, ENVI, and GeoDa
- Experience working as part of a team and without supervision while providing results, often under tight deadlines

EDUCATION

University of Waterloo	Waterloo, Ontario
<i>Honours Geomatics Co-op, Computer Science Minor</i>	2015 – Present

EXPERIENCE

University of Waterloo Geospatial Centre	Waterloo, Ontario
<i>Reference Desk and GIS Support</i>	September – December 2019

- Helped patrons resolve GIS problems and issues in geomatics research using technical and customer service skills
- Digitized a historic directory series for Kitchener/Waterloo for use in online GIS, as well as developing automation tools for the digitization process
- Supported the project process of patrons by offering suggestions and directing them to helpful resources based on my experience and expertise

University of Waterloo	Waterloo, Ontario
<i>Research Assistant</i>	January – April 2019

- Gathered stakeholders opinions values to determine project specifications, often from vague goals and desires for end-product
- Worked with minimal supervision to produce research and review of available technology to building tools that would help indigenous communities in the North-West Territories
- Made productive use of my time by finding useful existing projects and ongoing efforts in the field and showing superiors about how they can apply to our project
- Produced documents and resources for workshop intended to give end-users a basic overview and working demonstration of GIS and data collection

Town of Oakville

Oakville, Ontario

GIS Co-op

May – August 2018

- Developed metadata for open data items for ArcGIS Online portal for municipal services
- Assisted with system requests, which often times required programming assistance and face-to-face client-technician interaction
- Created and disseminated organizational materials for management to help elaborate and understand client needs

Ontario Ministry of Agriculture, Food, and Rural Affairs

Guelph, Ontario

GIS Assistant

September – December 2017

- Assisted with development of Python script for province-wide GIS investigation
- Worked independently to develop relevant modules, and ensured that proper and thorough documentation was left for future project custodians
- Processed Requests-For-Information for thematic maps using ArcGIS Pro, ArcGIS Online, and ArcPy for automated map generation
- Programmed geocoding application for internal use within ministry department, with the aim of saving time and reducing faults in previously-existing system
- Provided programming, mapping, and plotter support to other ministry units as needed

Statistics Canada, Statistics Register Division

Ottawa, Ontario

Geomatics Technician

January – April 2017

- Processed support tickets for the National Geographic Database (NGD), establishing and following workflows while looking for opportunities to automate parts of my own work
- Developed a custom tool for source verification that assisted the accuracy of my work
- Independently sought out useful work during database downtime, and took on downtime side projects to help the team's efficiency
- Communicated with municipalities and professionals to retrieve information and evaluation of changes