

RYLIE NELLIS

Highly motivated young professional completing a post-graduate Geographic Information System Application Specialist certificate through Fleming College.



SKILLS & INTERESTS:

- A strong passion for geomatics technologies and database management
- Keen attention to detail, organized, and excellent work habits both independently and within groups
- Strong written and verbal communication in both English and French
- Critical and creative thinker with the ability to problem solve and report findings effectively
- Experienced in spatial analysis techniques and data manipulation with strong cartographic output skills



- Proficiency in Esri suite including ArcGIS desktop, pro, online, and enterprise applications
- Confident in QGIS
- Confident in Avenza MapPublisher and Adobe Illustrator
- Confident in PCI Geomatica
- Confident in Microsoft suite including Word, Excel, Powerpoint, Access and Outlook
- Competent in Oracle SQL Developer
- Competent in Python
- Competent in HTML, CSS, and JavaScript
- Competent in Mapbox
- Competent with AWS

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SELECTED EXPERIENCE:

GIS APPLICATIONS SPECIALIST

GHGSat | May - October 2020

- Creating and maintaining web mapping tools
- Developing easy-to-use platforms to find long-term solutions to combat climate change

GIS CONSULTANT (STUDENT)

Fleming College | March - July 2020

- Collaborative agreement with Feed Ontario through Fleming College
- Responsible for data preprocessing, spatial and statistical analysis, cartographic visualization and web development of food bank data
- Developed a user-friendly application to showcase food bank usage over time

SUPERIOR SEASON ASSISTANT MANAGER

Belluz Farms | May 2018 - April 2019

- Responsible for website maintenance
- Developed more efficient delivery routes using open sourced software
- Responsible for the development of marketing and sale initiatives
- Organized and packed customer orders correctly and efficiently

SENIOR FARM TEAM LEADER

Terre Bleu Lavender Farm | Summer 2017, 2019

- Performed daily physical maintenance tasks including crop assessments, planting, pruning and harvesting
- Operated a copper distillery and landscape equipment safely and effectively for optimal use
- Interacted with the public through informative tours and visitors supporting agritourism

NURSERY ASSISTANT AND EDUCATIONAL LIAISON

Green Legacy | March - June 2015

- Interacted with various groups of people including the elderly, children, and persons with disabilities to achieve tasks regarding tree propagation
- Performed physical day-to-day tasks to ensure the health and stability of nursery stock including transplanting, weeding, mulching, watering, and other maintenance chores
- Assisted with organizing and distributing inventory
- Developed new, more efficient, ways of completing repetitive tasks
- Led educational and interactive nature hikes for various groups



CERTIFICATIONS, AWARDS, PRESENTATIONS:

- President's Award 2019
- Undergraduate Geography Award 2019
- ESRI Northern User Conference 2019
- Geomatics Certificate 2018
- BeSpatial URISA Presentation 2018
 - Addressing the use of a socio-economic index model through GIS technologies to mitigate homelessness
- First Aid and CPR +C 2017
- French Immersion Certificate 2014
- Specialist High Skills Major 2014
- Global Citizenship Award 2014



REFERENCES:

Available upon request



EDUCATION:

GEOGRAPHIC INFORMATION SYSTEM APPLICATION SPECIALIST
Fleming College | Lindsay, ON
September 2019 - June 2020

Ontario College Graduate Certificate

HON. BACHELOR OF ENVIRONMENTAL STUDIES (GEOGRAPHY)
Lakehead University | Thunder Bay, ON
September 2015 - May 2019

Dean's List for Academic Achievement 2016 - 2019

LakeheadU Globetrotters | President, 2017-2019

Honours Thesis: Using a Socio-Economic Index Model for Homelessness Reduction Strategies in Thunder Bay, ON

CERTIFICATION IN GEOMATICS
Lakehead University | Thunder Bay, ON
September 2016 - June 2019

Completion of 5 advanced courses with first class standing in geographic information sciences

ONTARIO SECONDARY SCHOOL DIPLOMA
John F. Ross CVI | Guelph, ON
September 2010 - June 2014

First Class Standings

Active member in the Me to We Club

Active member of the Band and Jazz Band



SELECTED VOLUNTEERISM:

Lakehead Social Planning Council | April 2018

- Conducted a 24hr survey to collect data on the homeless population in Thunder Bay
- Spoke with at-risk populations and met their needs accordingly

Grace Ministries Thunder Bay | February 2018

- Organized and recruited volunteers effectively and efficiently
- Route marshalled the Coldest Night of the Year to raise funds for the homeless, hungry, and hurting populations across Canada
- Assisted and encouraged various groups of people to complete the walk

Lakehead University | November 2017 - April 2019

- President of the Geography club (LakeheadU Globetrotters)
- Organized and created GIS based activities for 200+ high school students