

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



To Whom it May Concern,

Since the beginning of my post-secondary education I have developed, and continue to develop, a strong passion for Geography and Geospatial technologies. I am a recent graduate of the HBES (Geography) program at Lakehead University with a specialization in Geomatics, and I am currently enrolled in the Geographic Information Systems Application Specialist Certification program at Fleming College with an expected graduation date of June 2020. The combination of my undergraduate degree, and current certification program has allowed me to develop a unique set of both theoretical and practical skills. Throughout my undergraduate degree I gained a wide range of theoretical skills related to database management, advanced GIS techniques, and cartographic outputs by completing courses with first class standing such as: Advanced GIS, Remote Sensing and Photogrammetry and Cartography. My undergraduate degree culminated in an honours thesis research project that used a variety of geospatial methods to assess chronic homelessness in Thunder Bay, ON.

My current program at Fleming College has allowed me to both refine my previous skill set as well as gain new experiences including data processing from spatial and non-spatial sources. By the completion of this program I will have completed courses such as: Advanced Remote Sensing, Database Development and Management, Geodesy, Environmental Modelling, Spatial Analysis, and Problem Solving and Programming. This program has also allowed me to gain real world experience working with clients to solve problems with GIS. I am currently working with Feed Ontario (formerly Ontario Association of Food Banks) to create a web mapping application to facilitate long-term solutions to end hunger in Ontario through an at-risk predictive model. My academic background has allowed me to gain valuable experience in group dynamics and communication, problem solving, and developing a strong work ethic both in person and remotely which I believe would allow me to transition smoothly from academic life to the work force.

In addition to my academic credentials, my history of extra-curricular activities and employment history has allowed me to gain many valuable practical skills. I am an active member of BeSpatial, and I was awarded the opportunity to present my undergraduate thesis research at the URISA Northern Conference in Thunder Bay, ON. Additionally, I possess many intangible skills such as punctuality, attentiveness to detail, ambition, and I am exceptionally quick learner.

I am a dependable, highly motivated, results oriented young professional. My passion for Geography and geospatial technologies has led me down an academic path that has allowed me to learn and develop many of the necessary skills that will allow me to be successful in the available GIS Coordinator position.

Thank you for taking the time to consider me for this position. It is my highest hope that you can use my experiences, skills, and knowledge for this job. I look forward to hearing from you soon about how I can contribute to the positive, organized, and efficient environment offered.

Sincerely,

Rylie Nellis



REFERENCES:

KEVIN BELLUZ

Belluz Farms/Superior Seasons | Thunder Bay

kevin@belluzfarms.on.ca

(807)-472-8053

RAHUL CHANDRA

Fleming College/ ESRI Canada | Toronto

venkat.chandra@flemingcollege.ca

ALISON MORRISON

Green Legacy - Wellington County | Guelph

alisonm@wellington.ca

(519)-546-4788