



## SUMMARY OF SKILLS

- Highly adaptable at learning and understanding new procedures
- Experience with GIS analysis and cartography
- Proficient in Microsoft Office, Autodesk AutoCAD, MicroStation, ArcGIS Pro, MATLAB, Python, and AppleScript

## EDUCATION

MPL URBAN DEVELOPMENT      RYERSON UNIVERSITY      TORONTO, ON      2021–PRESENT

- Attending MPL Urban Development program started in September of 2021
- Completed theory course with interview component and planning law course
- Created green spaces map of Oshawa with small team to promote public natural spaces in the city

B.ENG. SPEC. HONS. GEOMATICS      YORK UNIVERSITY      TORONTO, ON      2016–2020

- Completed four-year Bachelor of Geomatics Engineering at York University
- Won AOLS Award for highest average in Year 3 Geomatics Engineering program
- Successfully developed transportation justice transfer-counting map for Toronto and accompanying processing software with team
- Two-time team member at National Geomatics Competition
- Developed accessibility assessment for public transit using CSA standards with Capstone team
- Took Fundamentals of Surveying and Geodetic Surveying courses with field school components
- Completed Urban Transportation: Introduction to Critical Issues in Year 4 with downtown Mobility Analysis

OSSD      HENRY STREET HIGH SCHOOL      WHITBY, ON      2012–2016

- Awarded Governor General's Academic Medal for highest average in Grade 11 and 12
- Received Grade 12 awards in Instrumental Music, Physics, Technological Design, and Arts extra-curricular contributions
- Won gold in Durham Architectural Skills design competitions 2015 and 2016

## JOB EXPERIENCE

RESEARCH ASSISTANT      RYERSON UNIVERSITY      TORONTO, ON      OCTOBER 2021–PRESENT

- Compiled and cleaned public survey data
- Basic statistical analysis of autonomous vehicle survey results
- Comparison of past surveys with current survey, including data-matching, formatting, and graphing

JUNIOR RESEARCHER      ROUSE SURVEYORS INC.      TORONTO, ON      MARCH–AUGUST 2021

- Compiled and cleaned field note data
- Migrated job records to new provincial database
- Wrote documentation describing upload to and usage of new database
- Communicated with clients and prepared and sent estimates for jobs

GEOMATICS SURVEYING ASSISTANT      TORONTO TRANSIT COMMISSION      TORONTO, ON      SUMMER 2019

- Compiled CAD mapping data
- Performed field edits to check contractors' surveys against reality
- Assisted with surveying tasks in the field
- Wrote VBA add-ins to streamline MicroStation data-entry and to enforce CAD standards

STUDENT FIELD TECHNOLOGIST      ROUSE SURVEYORS INC.      TORONTO, ON      SUMMER 2018

- Prepared TTC safety documents and marked out subway tunnels for construction project
- Set up and ran total station for topographic and boundary surveys, and assisted and learned from party chief
- Communicated with clients and prepared and sent estimates for jobs

OFFICE ASSISTANT                      ST. ANDREW'S PRESBYTERIAN CHURCH                      WHITBY, ON                      SUMMERS OF 2015, 2016, & 2017

- Managed rentals, announcements, and messages in church office
- Organized back-to-school give-away and assisted in running Food Bank Fridays
- Compiled and edited various short movies for church events
- Researched pricing options, migrated office from Microsoft Office 2010 to Office 2016, and trained new users

## VOLUNTEER EXPERIENCE

TECHNICAL DIRECTOR                      YORK UNIVERSITY ENGPLAY                      TORONTO, ON                      2019–2020

- Designed and led setup and teardown of lighting and sound equipment and stage
- Designed lighting for different scenes and programmed lighting board
- Ran sound board during show and assisted in lighting control

CHIEF OPERATIONS OFFICER                      YORK UNIVERSITY GEOMATICS CLUB                      TORONTO, ON                      2018–2020

- Piloted visit to local high school and member of team that visited high schools to promote Geomatics at York
- Booked and prepared rooms for Geomatics Club events, such as Geomixer, and helped to promote Geomatics
- As Operations Officer for Geomatics & Civil Engineering Career Fair 2019 and 2020, contacted companies and set up event
- Worked with other club members, staff, and faculty to have Geomatics-themed events for students

GEOMATICS REPRESENTATIVE VOLUNTEER                      LASSONDE SCHOOL OF ENGINEERING                      TORONTO, ON                      2016–2020

- Discussed what Geomatics at York is like to prospective students at Campus Days and at Ontario Universities' Fair
- Represented Lassonde Geomatics by volunteering for Geomatics workshops at Lassonde Discovery Days
- Compiled and designed activities for visiting high school to demonstrate geomatics concepts

TECHNICAL DIRECTOR                      HENRY STREET HIGH SCHOOL                      WHITBY, ON                      2014–2016

- Listened to event organizers' needs and determined setups for events as a stage manager, technical director, and lighting operator for school plays
- Managed team members as team captain and trained new members

AUDIO-VISUAL TECHNICIAN                      ST. ANDREW'S PRESBYTERIAN CHURCH                      WHITBY, ON                      2011–PRESENT

- Operates and troubleshoots sound and computer systems before and after service
- Researched, recommended, and set up live-stream equipment and software for weekly services
- Created schedule and managed team members during summer while music director was on sick leave