

# Bennett Colgan, C.E.T.

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## Key Qualifications

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- Proficiency with ArcGIS Desktop platforms such as ArcMap 10.7 & ArcGIS Pro 2.5
- Proficiency with Autodesk AutoCAD 2020
- Experience implementing web-based GIS solutions using ArcGIS Online, Javascript APIs, RESTful web services, ArcGIS Server, HTML5, CSS3
- Competency in designing, implementing and managing relational databases using database management software and SQL (Structured Query Language) for use in spatially enabled databases
- Experience automating GIS workflows through the use of Python and ArcPy module scripting
- 5 years' professional experience in the public and private sectors through employment in Municipal Solid Waste, Environmental Advocacy and Environmental Consulting

## Education, Training and Certifications

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***Geographic Information Systems - Cartographic Specialist  
Post-Graduate Certificate  
Fleming College, Lindsay, ON (Anticipated June 2020)***

Relevant Courses:

- GIS Database Principles
- Problem Solving and Programming
- Municipal Mapping & GIS
- Web GIS Development

***Environmental Technology  
Advanced Diploma  
Fleming College, Lindsay, ON (June 2014)***

Relevant Courses:

- Geomatics for Environmental Engineering
- Geomatics in Surveying
- Statistics
- Water Treatment & Pollution Control

### ***Training***

- Waste Auditor Training – SWAM Method from Recycling Council of Ontario – January 2017
- Associated Environmental Site Assessors of Canada (AESAC) Phase I & II Site Assessment Training courses – May 2016

### ***Certifications:***

- Certified Engineering Technologist (C.E.T.) in the Environmental Discipline through the Ontario Association of Certified Engineering Technicians & Technologists (OACETT) – May 2019

# Employment History & Highlights

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**Project Technologist**, Pinchin Ltd., Peterborough, ON

May 2017 to August 2019

- Extensive use of AutoCAD to draft building plans that detailed proposed and performed work
- Interacting with project stakeholders such as clients, contractors and industry experts to advance project goals
- Drafting of senior reviewed technical reports as client deliverables
- Experience working within a wide range of disciplines including Hazardous Materials, Environmental Due Diligence and Building Science

## **Sustainability and Waste Diversion Intern**

Fleming College – Office of Sustainability, Peterborough, ON

October 2016 to May 2017

- Developed and delivered various training and engagement sessions for key stakeholders including students, staff, program coordinators, faculty, and senior management team
- Developed a communication & outreach plan and implemented waste management strategies such as modification of bin signage, training of staff and faculty, student engagement sessions, development of an educational video and other material, leading to an improvement in overall waste diversion

**Environmental Planning Assistant**, City of Greater Sudbury, Sudbury, ON

July 2016 to October 2016

- Participated in planning and organizing community engagement events to promote sustainability within the City of Greater Sudbury
- Assisted in the development of community engagement strategies and campaigns
- Assisted in the development of reports

**Solid Waste Field Technician**, City of Greater Sudbury, Sudbury, ON

July 2016 to October 2016

- Conducted waste audits in accordance with design parameters and documented findings
- Conducted participation surveys for various waste streams
- Interacted with the public to promote waste diversion and deliver excellent customer service to residents of the City of Greater Sudbury

## **Waste Management Attendant / Public Outreach**

County of Peterborough

April 2014 to December 2014

Peterborough, ON

& April 2014 to October 2014

- Planned and implemented a series of waste audits throughout the County of Peterborough to enhance and assess the effectiveness of waste diversion programs
- Utilized communication skills to deliver quality customer service to residents of the County of Peterborough and all its townships at household hazardous waste facilities, special waste reduction events, home composter installation visits and office drop-ins
- Reported on diversion program effectiveness within the County of Peterborough to develop waste diversion policy

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**References Available Upon Request**

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