

DANIEL ADAM CEBULA

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Master of Science (MSc.) Analytical Chemist with 4 years of experience in elemental analysis and data analysis. Notable achievements include graduation in University of Toronto's Data Analytics' Boot Camp, dean's list, and a publication in the SPIE journal. I continuously try to improve myself by learning new technologies and methodologies.

SKILLS AND QUALIFICATIONS

- Technical Competency in the following languages:
 - VBA, Python, SQL, JavaScript, HTML, CSS and LabVIEW
 - Technical Competency in the following technologies:
 - Microsoft Office, Markdown, Pandas, NumPy, Matplotlib, APIs, Flask, Web Scraping, D3.js, Plot.ly.js, Leaflet, Mapbox, PostgreSQL, MongoDB, Tableau, Scikit-Learn and Keras-Tensorflow
 - Performed all steps of the analytical method (Sampling and Sample, Instrument and Information Processing)
 - Successfully accomplished tasks utilizing Good Laboratory Practices (GLPs), Good Documentation Practices (GDPs), Standard Operating Procedures (SOPs) and Good Manufacturing Practices (GMPs)
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PROFESSIONAL EXPERIENCE

Graduate Research and Teaching Assistant2015 – 2019
University of Waterloo

- Performed graduate research, supervised adult students and managed laboratory affairs on a day-to-day basis
 - Awarded the 2017 GWC² Seminar Prize for the presentation of my analytical research
 - Maintained / calibrated instrumentation and generated the data and analysis required for a Certificate of Analysis (COA)
 - Successful collaboration with my supervisor in drafting of laboratory SOPs, maintaining GLPs and material purchases
 - Guided undergraduate students in effectively performing analytical chemistry techniques as a teaching assistant
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PROJECTS

TTC Delays | https://github.com/cebulada/TTC_Delays.git2019

- Explore reasons for delays in Toronto Transit Commission (TTC) services
- Cygwin64, Python and Jupyter Notebook

Great Lakes ML | https://github.com/cebulada/Great_Lakes_ML.git.....2019

- Explore levels of analytes in the Great Lakes and create a machine learning model that can classify water unknowns
 - Python, Jupyter Notebook, Flask, JavaScript, HTML, CSS, AWS RDS, Heroku and Github Pages
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OTHER EXPERIENCE

Automotive Assembler2014 – 2015; 2018 – 2019

Ford Motor Company of Canada, Oakville Assembly Complex (OAC) [During Master's Education]

- Performed tasks through GMPs exceeding production targets and maintaining quality
 - Used teamwork to perform collaborative duties and executed quality inspection of allocated tools, parts and vehicles
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EDUCATION

Data Analytics Boot Camp2019

University of Toronto - School of Continuing Studies

Master of Science (MSc.) – Analytical Chemistry2015 – 2019

University of Waterloo

Honours Bachelor of Science (BSc.), with High Distinction2010 – 2014

University of Toronto