

Contact

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Tools



Soft Skills

Collaboration



Excellent

Adaptability



Moderate

Leadership



Good

Ideation



Excellent

Critical Thinking



Excellent

Benjamin D. Fedoruk

Aspiring Polymath. Youth Advocate. Thinker.

Applied and Industrial Mathematics student studying at **University of Ontario Institute of Technology (Ontario Tech University)**, in Oshawa ON. Practices problem solving skills, and is able to discover unique solutions to problems. Able to organize work for ease of accessibility and readability. Collaborates with others of varying backgrounds while working on a team. Striving to leverage and build upon my skills. For more information on any specific heading, please visit my [personal website](#).

I have arranged the information in this document for your reading pleasure. Below, see a small excerpt of my skills and qualifications. For more in-depth information, I encourage you to visit my personal website, as listed in the Contact section along the left-hand side of this document. Furthermore, much of this Résumé is clickable, in PDF format. Below are some highlights from my website:

Academia

- International Baccalaureate Diploma Certificates in Mathematics SL and English Literature HL, with 6 in both subjects.
- Published and peer-reviewed researcher.
- Ontario Secondary School Diploma and Ontario Scholar, Superior Collegiate and Vocational Institute, with 92% average.
- Currently studying at [Ontario Tech University](#), majoring in Applied and Industrial Mathematics.
- Was awarded the [NSERC USRA](#) for 16-week term in the summer of 2022.
- President's List, Winter 2021, Fall 2021, and Winter 2022.
- [Completed 21st Century Skills Microcredential Program at Ontario Tech University.](#)

Volunteerism

- Event Coordinator, [STEM Fellowship](#)
 - Oversees the STEM Fellowship's Undergraduate and High School Big Data Challenges.
- Copy-Editor, [STEM Fellowship Journal](#)
 - Ensures a high standard of journal articles undergoing the publication process in SFJ.
- Vice President, [Regional Multicultural Youth Council](#)
 - Organized large-scale events, with hundreds of young participants.
- Executive Director, [discover\(CS\)](#)
 - Lead a team to create an organization, creating a mentor-pupil computer science education system.

Employment

- Project Assistant, [Brilliant Catalyst](#)
 - Worked with [AutoGuardian by SmartCone](#) to analyze traffic data in Beaumont, ON with smart rapid-flash pedestrian beacons.
- Election Materials Worker, [Elections Canada](#)
 - Worked in a fast-paced environment, as a part of a team to achieve a goal.
 - Felt a strong sense of accomplishment, for helping my country's election.
- Computing Solutions Advisor, [Best Buy Canada](#)
 - Helped others, and learnt to ask for help when I knew I was struggling.
 - Delivered an amazing experience to every customer.

Competitions

- [2021 Undergraduate Big Data Challenge](#)
 - Placed 1st place, and was published by JMIR.
 - Wrote a paper on The Plebeian Algorithm, a means to combat infodemics through democratic and liberal means.
- [#Challenge4ClimateAction: Datathon Stream](#)
 - Partook in the Datathon Stream of Convergence.Tech's challenge.
 - Came 2nd place out of over 200 teams.
 - Investigated carbon pricing strategy.
- [Brilliant Catalyst Challenge for Rural Canada](#)
 - Won the challenge, hosted by Ontario Tech's [Brilliant Catalyst](#), winning a 12-month incubation for Fiacre, a public transit solution for Northwestern Ontario.

Interests and Passions

- Interested in creating actionable insights to solve the world's problems, through the lens of mathematics and data science.
- Interested in the overlap between mathematics, computer science, and metaphysics.
- Interested in research in pure mathematical fields and in fields relating to the theory of computing.
- Interested in research in quantum computing.
- Interested in the analysis of the impacts of technological solutions and innovations on the broader society.
- Passionate about the promotion of science with a conscience, and the creation of quality science to further humanity.
- Passionate about youth advocacy, and developing solution models to give voices to underrepresented youth.
- Passionate about taking into account cultures, backgrounds, experiences, and perspectives that differ from my own, on issues I tackle.
- Passionate about teaching young people the beauty of mathematics and science.