

**CURRICULUM VITAE**  
**BENJAMIN DAVID FEDORUK**

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**RESEARCH INTERESTS**

I am interested in noticing patterns in everyday life. I find pure mathematics to be highly pattern-based, and strongly believe that applying a similar problem-solving approach and abstract mindset will solve real world problems. My recent research interest has been in infodemiology, through connections to evolutionary graph theory. I am also highly interested in mathematical logic.

**EDUCATION**

2020 – present      **B.Sc. Student**, Applied and Industrial Mathematics  
Ontario Tech University  
2016 – 2020      **International Baccalaureate Certificate Program**  
Superior Collegiate and Vocational Institute

**PUBLICATIONS**

(1)      Fedoruk B, Nelson H, Frost R, Fucile Ladouceur K. The Plebeian Algorithm: a democratic approach to censorship and moderation. JMIR For Res. 2021 Dec 21; 5(12):e32427. doi: 10.2196/32427.

**BLOG POSTS**

(1)      Fedoruk B. Natural philosophy in the ancient and early modern worlds. SciComm Blog, STEM Fellowship. 2022 Mar 25.

**EXPERIENCE**

2022 – present      **Chief Data Officer**  
STEM Fellowship (Data Science Committee)  
2022 – present      **Copy Editor**  
STEM Fellowship Journal  
2022      **Event Coordinator**  
STEM Fellowship (Data Science Committee)

2021 – 2022                    **Program Management Team Lead**  
STEM Fellowship (Data Science Committee)

## **OTHER POSITIONS**

2022 – present                **Co-Founder and President**  
Northern Shores Innovation Institute

2021 – 2022                    **Data Analyst**  
AutoGuardian by SmartCone

2017 – 2020                    **Vice President**  
Regional Multicultural Youth Council

## **WORKSHOPS HOSTED**

2021 Nov                      Fighting for the Truth: Using the Plebeian Algorithm to Combat Social  
Media Misinformation **(30 attendees)**

2021 Oct                      A Democratic World Wide Web: An Introduction and Implementation of the  
Plebeian Algorithm to Freely Combat Misinformation **(1600 attendees)**

## **HONOURS AND AWARDS**

2022                              NSERC Undergraduate Student Research Award

2022                              M2C2 ICUBE Third Place Award

2022                              Accessible Mobility: Towards a Zero-Barrier Mobility Challenge Third Place

2021                              Brilliant Catalyst Challenge for Rural Canada Winner

2021                              JMIR Infodemic Innovation Award

2021                              #Challenge4ClimateAction: Datathon Stream Second Place

2020                              Ontario Scholar

2020                              Kiwanis Club of Westfort Scholarship

*This curriculum vitae is true and accurate as of 4 June 2022.*