

Elizabeth van Oorschot

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Education

McGill University - (in progress) B. Sc. Joint Honours in Mathematics and Computer Science
Expected graduation April 2026

- cGPA to date - 4.0/4.0

Glebe Collegiate Institute (GCI) - High School Diploma

- 98.7% Grade 12 average (highest in graduating class based on top 6 courses)

Computer Skills

Languages - Java, Python, C, MIPS assembly language

Other Background - Linux/Bash; familiar with networking, circuits, cryptography and security

Experience

Concordia University (Montreal) - *Student Researcher with Prof. Jeremy Clark*

May 2024 - August 2024

- Working on a [handbook](#) for gadgets in the polynomial interactive oracle proof (Poly-IOP) model used by the succinct non-interactive argument of knowledge (SNARK) Plonk
- Cryptographic and Blockchain background

Field Effect Software (Ottawa) - *Junior Security Analyst*

May 2023 - August 2023

- Worked on the Operational Development team in the area of network security
- Projects related to generating attack surface reports and alerting on security breaches

Awards and Distinctions

NSERC Undergraduate Student Research Award (funding for May - Aug 2024)

McGill R.E. Powell Major Scholarship (2022-2026, conditional on maintaining high average)

Canadian National Champion (1st in Canada) (2022) Reach for the Top Trivia, GCI; team captain

Canadian National Champion (1st in Canada) (2021) Reach for the Top Trivia, GCI; team member

Governor General's Award (highest 2022 graduating average - best 12 senior high school credits, GCI)

Dramatic Arts Outstanding Achievement Award, Glebe Collegiate Institute/GCI (2022)

Innovative Creative Award GCI, 2022 (awarded to 2 students, having/acting upon original ideas of value)

Silver Medal 2019-2022, GCI (over 90% average for each of Grades 9 - 12)