

Brayden Letwin

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Education

University of Alberta, Edmonton, AB
Bachelor of Science Honors in Mathematics.

2021 - 2026
GPA: 3.9/4.0

Professional Experience

Teaching Assistant, University of Alberta, Edmonton, AB Jan. 2023 - Present
Currently have worked 3 semesters as a teaching assistant.
Worked under Dr. Osmar Zaiane, Dr. Hazel Campbell, and now Rejwana Haque.

Research Assistant, University of Alberta, Edmonton, AB Jan. 2023 - Present
Conducted research in Convex Geometry. Role involved solving problems in Convex Geometry under the supervision of Dr. Vlad Yaskin. Outside of solving problems, time was spent learning harmonic analysis and its applications to convex geometry. We produced one academic paper and explored numerous open problems.

Academic Papers

Volume Inequalities for Hyperplane Subdivisions and Sections of Convex Bodies,
Joint work with Vlad. Yaskin Not Available Yet

Projects

Algorithmic Trading System, May 2023 - Present
Project Leader | Trading equities using models from Mathematical Finance

Skills

Programming Languages: Python, C++
Mathematics

Clubs and Activities

Competitive Programming Club, University of Alberta May 2023 - Present
Member | Learning under the supervision of Dr. Zachary Friggstad

Competitive Activities

Competitive Programming, May 2023 - Present
50+ problems solved | open.kattis.com

Honors

Dean's Honor Roll, University of Alberta 2022 - 2023
NSERC Undergraduate Student Research Award, NSERC 2023
Max Wyman Memorial Entrance Leadership Scholarship, University of Alberta 2021
Alexander Rutherford High School Achievement Scholarship, University of Alberta, University of Alberta 2021

Last updated: August 22, 2023