

Brayden Letwin

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Education

University of Alberta, Edmonton, AB	2021 - 2026
Bachelor of Science Honors in Mathematics.	GPA: 3.9/4.0

Professional Experience

Teaching Assistant, University of Alberta, Edmonton, AB	Jan. 2023 - Present
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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
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Projects

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

Programming Languages: Python, C++
Mathematics

Clubs and Activities

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

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