

# Brayden Letwin

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## Education

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

## Professional Experience

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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

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

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

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Programming Languages: Python, C++  
Mathematics

## Clubs and Activities

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

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

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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