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
CMPUT 175 - 4 semesters // MATH 144 - 2 semesters

Research Assistant, University of Alberta, Edmonton, AB   Jan. 2023 – Aug. 2023
Role involved solving problems in Convex Geometry under the supervision of Dr. Vlad. Yaskin.
Outside of the main project, time was spent learning Harmonic Analysis.

Publications

AN AFFINE GENERALIZATION OF GRÜNBAUM'S INEQUALITY (Unsubmitted)
Joint work with Vlad. Yaskin   pdf

Conferences

Geometric Functional Analysis: Analytic, Discrete, and Probabilistic Aspects CMS 2023 Winter Meeting, Montreal	December 2023
Harmonic Analysis and Convexity Banff International Research Station, Alberta	November 2023

Skills and Activities

Languages: Python, C, Lean4
Machine Learning: Reinforcement Learning and Supervised Learning.
Mathematics: Currently interested in Convex Geometry, areas of Analysis, and Algorithms.

Honors and Awards

Jason Lang Scholarship	2023
Murray Thomas Gibson Memorial Scholarship in Mathematics	2023
Dean's Honor Roll, University of Alberta	2023
NSERC Undergraduate Student Research Award	2023
Max Wyman Memorial Entrance Leadership Scholarship	2021
Alexander Rutherford Scholarship	2021