

ELIAS LINDGREN

elias.lindgren@colorado.edu

EDUCATION

University of Colorado, Boulder

Ph.D. in Computer Science

Advised by Dr. Bo Waggoner and Dr. Rafael Frongillo

Overall GPA: 3.91

Aug 2023 - Present (est. May 2028)

Williams College

B.A. in Computer Science and Mathematics

Overall GPA: 3.89

Sept 2018 - May 2023

RESEARCH PUBLICATIONS & PRESENTATIONS

Combinatorial Markov Search

Robin Bowers, Elias Lindgren, and Bo Waggoner. *STOC 2026*.

Poster at ACM Conference on Economics and Computation (EC) workshop, 2025.

Qualifier Selection Mechanisms in Collegiate Cross Country

Elias Lindgren and Bo Waggoner. *In submission*.

A General Theory of Liquidity Provisioning for Prediction Markets

Adithya Bhaskara, Rafael Frongillo, Elias Lindgren, and Maneesha Papireddygar. *In submission*.

TEACHING

Teaching Assistant – Algorithms (CSCI 3104)

University of Colorado, Boulder

Fall 2024, Fall 2025

Boulder, CO

Teaching Assistant – Linear Algebra (MATH 250)

Williams College

Fall 2021

Williams, MA

SERVICE

Algorithmic Economics Reading Group Coordinator

University of Colorado, Boulder

Aug 2024 - Aug 2025

Boulder, CO

Planned and hosted reading group meetings, scheduled talks, and invited speakers in the area to present research.

Algorithmic Fairness Reading Group Coordinator

University of Colorado, Boulder

January 2026 - Present

Boulder, CO

Planned and hosted reading group meetings, chose relevant papers for discussion, solicited presentation from members.

Graduate Peer Mentor

University of Colorado, Boulder

Aug 2025 - Present

Boulder, CO

Matched with incoming PhD students in the Computer Science department. Help new students navigate courses, research, and living in Boulder.

Reviewing: EAMMO 2025, EC 2026

AWARDS

OTHER EXPERIENCE

Undergraduate Research Assistant
Williams College

June 2020 - August 2020
Williamstown, MA

Under Dr. Chad Topaz, studied vegetation patterns in semiarid climates using a dynamical systems approach.

GeoVisual Technologies
Data Science Intern

January 2021 - July 2021 / June 2022 - August 2022 (intern)
Denver, CO

Worked on applications of UAV and satellite imagery to computer vision analytics for agriculture.