

Education

Jul 2023 – Present

PhD in Mathematics, *The Ohio State University*

Advisors: Prof. Pooya Hatami and Prof. Maria Han Veiga

Sep 2017 – May 2021

AB in Mathematics, *Princeton University*

Senior thesis: *Rainbow Fractional Matchings*

Advisor: Prof. Ron Holzman

Preprints

- 2025 A. Blondal, H. Hatami, P. Hatami, C. Lalov, S. Tretiak. Borsuk-Ulam and Replicable Learning of Large-Margin Halfspaces. *arXiv:2503.15294*.
- 2025 A. Blondal, H. Hatami, P. Hatami, C. Lalov, S. Tretiak. Simplicial covering dimension of extremal concept classes. *arXiv:2511.11819*.

Invited Talks

Jan 2026

Innovations in Theoretical Computer Science (ITCS)

Employment History

Aug 2021 – Jun 2023

Teacher, *Benjamin Franklin High School*

Taught ESOL Algebra I and ESOL Geometry

Service

Fall 2023 – Spring 2025

Mentor, *OSU Cycle*

Worked with a pair of undergraduate students on a research project in graph theory

Spring 2020

Tutor, *STTEPS*

Worked with teenagers at the University of Edinburgh Chaplaincy

Fall 2019 – Spring 2021

Tutor, *LALDEF*

Worked with an undergraduate student over Skype in Calculus I, Calculus II, Linear Algebra, Cryptography, and Discrete Math

Spring 2019 – Fall 2019

Tutor, *Petey Greene Program*

Worked with small groups of teenagers at Garden State Youth Correction Facility