

Dylan Fridman

Professional Experience

Ivo

2025

SOFTWARE ENGINEER

- Full Stack Engineer using PostgreSQL, Node.js, and React
- Leveraged LLMs to help in-house lawyers better understand their contracts

Dartmouth Outing Club

2025

SOFTWARE ENGINEER

- Worked on and maintained Trailhead, a web app used by thousands of students to sign up for outdoor trips
- Using SQLite and HTMX

Education

Dartmouth College

Hanover, New Hampshire

MS IN COMPUTER SCIENCE

2023 - 2025

- Meritorious Citation in Deep Learning Generalization and Robustness by Professor Yaoqing Yang
- Meritorious Citation in Principles of Causality by Professor Bijan Mazaheri

Dartmouth College

Hanover, New Hampshire

BA IN MATHEMATICS

2020 - 2023

- Meritorious Citation in Topology by Professor Chuen Ming Mike Wong
- Meritorious Citation in Evolutionary Game Theory by Professor Feng Fu
- Meritorious Citation in Geometric Combinatorics by Professor Nadia Lafrenière

ORT Belgrano

Buenos Aires, Argentina

HIGH SCHOOL DIPLOMA

2012 - 2017

- Specialization in Information and Communications Technology

Publications

Untangling Planar Graphs and Curves by Staying Positive, with Santiago Aranguri and Hsien-Chih Chang, in Proceedings of the 33rd Annual ACM-SIAM Symposium on Discrete Algorithms, pages 211-225, 2022.

A Prime-Representing Constant, with Juli Garbulsy, Bruno Glicer, James Grime, and Massi Tron Florentin, in The American Mathematical Monthly Volume 126 Issue 1, pages 70-73, 2019

Presentations

January 2022. *Untangling Planar Graphs and Curves by Staying Positive* at the ACM-SIAM Symposium on Discrete Algorithms (SODA22). Joint work with Santiago Aranguri and Hsien-Chih Chang.

March 2021. Talk on Intuitionistic Logic to the Math Department of Dartmouth College as culmination of the Directed Reading Program. In collaboration with Julia Zanette and Zachary Winkeler.

Awards

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| 2021 | 2nd place at the Thayer Prize Exam: College-wide Math Competition, Dartmouth College | |
| 2021 | Lovelace Scholar under the guidance of Professor Hsien-Chih Chang, Dartmouth College | \$1,200 |
| 2017 | Represented Argentina at the Iberoamerican Informatics Competition, OIA | |
| 2016 | 2nd place at the National Informatics Olympiad, OIA | |
| 2015 | 2nd place at the National Math and Computer Sciences Tournament, OMA | |

Relevant Graduate Coursework

- 2025 **Deep Learning Generalization and Robustness**, Professor Yaoqing Yang
- 2024 **Deep Learning**, Professor Souyoung Jin
- 2024 **Machine Learning and Statistical Data Analysis**, Professor Sarah M. Preum
- 2023 **Data Stream Algorithms**, Professor Amit Chakrabarti
- 2023 **Data Mining and Knowledge Discovery**, Professor Soroush Vosoughi
- 2022 **Linear and Multilinear Algebra**, Professor John Voight
- 2021 **Information Theory in Computer Science**, Professor Amit Chakrabarti
- 2020 **Introduction to Computational Topology**, Professor Hsien-Chih Chang

Outdoors

- 2023 **Single Pitch Instructor**, American Mountain Guides Association
- 2022 **Wilderness First Responder**, Wilderness Medical Associates International
- 2022 **Chair**, Dartmouth Mountaineering Club
- 2022 **Climbing Gym Monitor**, Dartmouth Climbing Gym
- 2022 **Swiftwater Safety and Rescue Level 4**, American Canoe Association
- 2021 **Trad, Sport, and Top Rope Leader**, Dartmouth Mountaineering Club