

## Publications

- [Pattern avoiding permutations as walks](#) - Submitted to journal 2026
- [Pattern Avoiding Permutations Enumerated by Inversions](#) - DMTCS 2025
- [Permutations with few inversions](#) - Electron. J. Combin. 2023
- [The difficulty of beating the Taxman](#) - Discrete Applied Mathematics 2023
- [Counting tournament score sequences](#) - Proceedings of the AMS 2023

## Education

- [University of Iceland](#) - Ph.D. in combinatorics 2023 - 2026
- [ETH Zürich](#) - Master in pure mathematics 2020 - 2022
- [University of Iceland](#) - Double BSc., mathematics and computer science 2017 - 2020

## Teaching record

### University of Reykjavík

- Problem-solving oriented programming (teacher) 2022 - 2026
- Programming in C++ (teacher) 2026
- Linear algebra for computer scientists (teacher) 2026
- Mathematical Programming (teacher) 2022 - 2025

### University of Iceland

- Competitive Programming (teacher) 2019, 2020, 2022, 2023, 2025
- Graph Theory (teaching assistant) 2022, 2024, 2025
- Formal Languages (teaching assistant) 2025
- Random processes (teaching assistant) 2023
- Numerical analysis (teaching assistant) 2022

## Competition record/work

- (IMO) International Mathematical Olympiad 2025 - 2026  
*Icelandic team deputy 2025, Icelandic team leader 2026*
- (ICPC) Northwestern Europe Reagional Contest 2024 - 2025  
*Contributor 2024, contributing author 2025*
- (ICPC) Nordic Collegiate Programming Contest 2022 - 2026  
*Contributing author 2022-2026, head of jury 2026*
- (STAK) Icelandic high school math contest 2020 - 2026  
*Contributor 2020-2024, Main organiser 2025-2026*
- (FKHI) Collegiate programming contest of Iceland, main organiser and author 2019 - 2026
- (FK) Icelandic high school programming contest, major contributor 2019 - 2026
- (ICPC) Soutwestern Europe Regional Contest, on behalf of ETH Zürich 2020  
*Team contest, 5th place*
- (ICPC) Northwestern Europe Regional Contest, on behalf of University of Iceland 2017 - 2019  
*Team contest, 26th place 2017, 30th place 2018, 28th place 2019*
- (IMO) International Mathematical Olympiad, contestant, on behalf of Iceland 2015 - 2017

## Other

### Languages

I am fluent in English, Icelandic and Swedish. I can get by with the simple conversations in German.

### Hobbies

Aside from the rather time consuming hobbies of competitive programming and competition organisation, I like to spend time on TTRPGs, baking and Puzzle/Strategy games.