

BEN HESKIN

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Career Summary

Research Intern - Mathematics Department, Trinity College Dublin

June 2024-August 2024

- Constructed and implemented a model to study the occurrence of Condorcet Paradoxes in simulated ranked data. Developed and optimised an algorithm in R that analyses patterns across varying parameters.

Bar Manager - HAP Solutions

May 2022-Present

- Work as a Bar Manager at events and festivals. Responsible for the running of a team of up to 120 staff for a bar that often achieves over €70,000 sales per concert.

Tutor - Self Employed

September 2021-Present

- Specialise in preparing students for state exams, with all students achieving their target grades to date. Completed a placement in an inner-city DEIS school and continued tutoring a student one-on-one.

Sales Assistant - JYSK Ireland

May 2019-September 2022

- Served customers both on the shop floor and at the tills, while also managing shelf stocking, price labelling, and warehouse management. Promoted to Key Holder and Shift Supervisor.

Education

Trinity College, Dublin - Mathematics & Economics

2021-2025

- Final Grade: 69%. Minor in Economics; Capstone Project: Bayesian Mixture of Experts Model Analysis. Achieved 77%.
- Achieved 81% in Data Analytics (PCA, Decision Trees, Regression), 80% in Mathematics Education, 73% in Intermediate Economics, 71% in Investment Analysis, 67% in Stochastic Modelling.
- Implemented various projects, including researching the efficiency of copulas in developing a more realistic model for the correlation between price deviations of financial assets.

St. Patrick's Classical School, Navan, Co. Meath

2015-2021

- Scored 601/625 points on the Leaving Certificate (equivalent to top ~5% nationally).
- Held leadership roles as Prefect and Secretary of the Student Council.

Leadership & Volunteering

University Philosophical Society

Treasurer

2024-2025

Managed a budget of over €150,000. Secured sponsorships with the PressUp Group, Deliveroo, Websummit, and six local businesses.

Advertising Officer

2023-2024

Led advertisement campaigns, securing €2,000 worth of ads for the society's magazine. Organized three successful giveaways on Instagram for sponsors.

Trinity News

Statistics Editor

2024-2025

Conducted inference and reporting on opinion poll results for college elections as Statistics Editor of Trinity News. Established mid campaign snap polling.

Trinity College Dublin Students' Union (TCDSU)

Volunteer Forum Coordinator

2022-2023

Organised Raise and Give Week, including thirteen events that raised €4,000 for charity. Chaired Volunteer Forum.

Class Representative

2021-2025

Elected class representative for four years. Awarded Highly Commended Class Rep for the academic year 21/22.

Society for International Affairs (SOFIA)

Treasurer

2022-2023

Managed an annual budget of €7,000, successfully budgeted the Ambassadors Ball, hosted 150+ students and 20+ ambassadors, generating a profit.

Mathematics Society

Secretary

2022-2023

Responsible for society communications and organising speaker events. Co-chaired the 100th birthday celebration subcommittee and served on the inclusivity subcommittee.

Skills

- Proficient in R, Stata, C, C++, Power BI, SQL, Python, and LaTeX. Have a European Computer Driving Licence.
- Strong interest in financial markets and current affairs, actively managing a personal investment portfolio since 2020. Pursued a Junior Analyst role in the Student Managed Fund in first year.
- Speak English (Native), Irish (Upper Intermediate), Mandarin (Beginner).