

James Hirst

D.o.B. 07/11/1998 (age 24)
Address 37 Twyford House, London,
N5 1AG
Email hirst.jj@googlemail.com
Phone 07504 456577

Degree:

- MMath Mathematics Degree Course at Cambridge (2021-22)
 - Pass with Distinction (79%)
- Mathematics BA at Cambridge (2018-2021)
 - 1st Class in third year (position: 14/222, percentage: 86%)
 - Jesus College Mathematics Award in second year for being top performer
 - 1st Class in first year (position: 61/232, percentage: 72%)

Academic Qualifications:

- A-Level: 5x A*- Maths, Further Maths, Additional Further Maths, Physics, Chemistry
- AS- Level: 1x A- Economics
- IGCSE/ GCSE: 14x A*'s and an A (including Maths and English)

Employment and Experience:

1. Software Engineer at Microsoft, (Sep 2022-Present) working on Azure to deploy tooling for large telcos to store and manage data in the cloud. Previously, used Java and Javascript to maintain a messaging app sold to small businesses that integrates with users phones.
2. Software Engineer at Microsoft, 8-week virtual internship writing python scripts to improve the automation of deployment and management of products in the telecoms sector.
3. Data collection and entry using an international particle accelerator at CERN. Lead to a published scientific paper in IOP Journal and on the CERN website about an experiment investigating Einstein's Special Theory of Relativity.
4. Machine Learning Ecology project using Detectron2 to predict the location of tree crowns to improve estimates of carbon store in forests and other locations.
5. Restaurant manager with Hotelplan during a winter season, managing 20 staff of varying ages. Achieved 'Mountain Spirit Award' in an area of 500 employees for performance.
6. Data input and IT assistant at The Oaks Hospital Colchester.
7. Private tutoring for Maths as well as Explore Learning Colchester Tutor.

Volunteer Work:

1. Kids Inspire- raising awareness for mental instabilities and disabilities in children.
2. Oxfam- general shop work in the Colchester branch.
3. Chelmsford Boys Club- painting and renovating youth rooms.
4. Youth Enquiry Centre Colchester- gardening and maintenance of the centre.

Personal Qualifications:

Vice School Captain	Proficient in a variety of coding languages
BPO Round 1- Gold Award (Top 50 Nationally)	PADI Open Water Certified
BPO Round 2- Bronze Award	Cambridge University Ski Freestyle Captain
UK Senior Maths Challenge- Gold Award	Wado-Ryu Karate- 2nd Dan Black belt
Headmaster's Head of Year Award	National Citizenship Service Award