

Amish Singh

| First Year Mathematics Student

| Aspiring Financial Engineer

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First year Mathematics student at the University of Warwick looking to break into a career in Quantitative Finance. Taking modules in Python, R and MATLAB, with experience in intermediate Python programming, supplemented by strong communication, teamwork and problem-solving skills.

Top Skills

Problem Solving	Have taken part in the BEBRAS/Oxford University Coding Challenges and studied mathematical ideas like Wiener Processes, implementing them into Python. Doing so taught how to abstract problems and find novel solutions, building problem-solving skills.
Teamwork	Spent 6 years in the Army Cadet Force and captained school's volleyball team, through which developed teamwork skills.
Leadership	Being in the Army Cadet Force as a Corporal, had responsibility over a large group, which helped develop leadership skills.
Communication	Currently a social secretary for Warwick Pride and was formerly the Treasurer for St. Olaves' Sixth Form Association, which helped develop communication skills.

Experience

Warwick Pride – Social Secretary	(10/2024 - Present)
<ul style="list-style-type: none">- Responsible for managing the activities calendar and supporting community officers with the running of their events.- Currently primarily working in the organisation of a new ballroom event alongside the Qulture Society.- Achieved success in the starting of a new club night called Euphoria, reaching 200 ticket sales.	
St. Olaves' Sixth Form Association – Treasurer	(12/2023 – 12/2024)
<ul style="list-style-type: none">- Organised and collected funding for the “Common Room Makeover” project, a very successful endeavour, which funding was successfully provided for.- Promoted long-term financial stability in the association via fundraising events and financial planning.	
Technology Experience Day – Deutsche Bank	(11/07/2023)
<ul style="list-style-type: none">- Explored the interlink between AI, programming and modelling in Deutsche Bank.- Investigated Python's role in finance to model systems and solve problems, helping envision solutions for complex banking issues.	

Education

University of Warwick – Mathematics (MMath)	(09/2024 - Present)
Modules Taken: <ul style="list-style-type: none">- Introduction to Probability- Statistical Laboratory : R in RStudio.- Programming for Scientists : Java Programming- Methods in Mathematical Modelling : Differential Equations and other “change” equations.- Mathematics by Computer : Python (NumPy, SymPy), JupyterLab, MATLAB.	
Extra-Curriculars : Social Secretary for Warwick Pride.	
St. Olaves' Grammar School	(09/2017 – 07/2024)
A-Level : A*A*A in Maths, Further Maths, Physics and RS respectively. AS-level : A in Computer Science. GCSE : 11 GCSEs at grade 7-9 including 9s in Maths, Physics and Computer Science.	
Extra-Curriculars : Treasurer of Sixth Form Association, Captain of Volleyball Team, Computer Science Prefect.	