

# Amish Singh

## | First Year Mathematics Student

## | Aspiring Financial Engineer

☎ : +44 7914542385  
✉ : amish17@outlook.com  
📍 : London, England  
Portfolio : amsih.github.io

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

<b>Problem Solving</b>	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.
<b>Teamwork</b>	Spent 6 years in the Army Cadet Force and captained school's volleyball team, through which developed teamwork skills.
<b>Leadership</b>	Being in the Army Cadet Force as a Corporal, had responsibility over a large group, which helped develop leadership skills.
<b>Communication</b>	Currently a social secretary for Warwick Pride and was formerly the Treasurer for St. Olaves' Sixth Form Association, which helped develop communication skills.

## Experience

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

## Education

<b>University of Warwick – Mathematics (MMath)</b>	(09/2024 - Present)
Modules Taken: <ul style="list-style-type: none"><li>- Introduction to Probability</li><li>- Statistical Laboratory : R in RStudio.</li><li>- Programming for Scientists : Java Programming</li><li>- Methods in Mathematical Modelling : Differential Equations and other “change” equations.</li><li>- Mathematics by Computer : Python (NumPy, SymPy), JupyterLab, MATLAB.</li></ul>	
Extra-Curriculars : Social Secretary for Warwick Pride.	
<b>St. Olaves' Grammar School</b>	(09/2017 – 07/2024)
A-Level : A*A*A in Maths, Further Maths, Physics and RS respectively. AS-level : A in Computer Science. GCSE : 10 GCSEs at grade 7-9 including 9s in Maths, Physics and Computer Science, 9 in Short-Course RS.	
Extra-Curriculars : Treasurer of Sixth Form Association, Captain of Volleyball Team, Computer Science Prefect.	