

ARNAV SINGH

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Education

Imperial College London

London

MSc. Mathematics

Oct. 2020 – Jun 2024

- 1st year Student, currently on track for a 1st
- Modules: Analysis, Calculus, Probability + Statistics, Linear Algebra + Groups, Applied Maths, Principles of Programming

Greenhead College

Huddersfield

A-levels

2018-2020

- Achieved A*A*AA in Maths, Further Maths, Physics and Chemistry respectively

Heckmondwike Grammar School

Heckmondwike, West York.

GCSEs

2013-2018

- 8 grade 9s, 1 grade 8, 1 grade 7 and an A*
- Additional Maths FSMQ - A, 83/100
- Participated in super-curriculars such as UKMT Challenge

Projects

Documentary Series | *Adobe After Effects, Final Cut Pro X, Javascript*

Sept. 2020 – Present

- Currently working on a documentary series, centered around visualising the impact of physical geography on geo-politics
- Creating 3D animations, using open source height data and other geo data
- Research + Communication - Compiling sources to write and voice over scripts
- Using the p5.js library to create data visualisations

Music Production | *Logic Pro X, Guitar*

2018 – Present

- Producing music, often in collaboration with others, of a variety of genres
- Using specialist computer programs and skills

Experience

Founder

2017 – Present

Starting my own small tuition business

Part-time

- Centered around tutoring other students for variety of exams, 11+, GCSEs, A-Levels etc.
- Teaching groups up to 40 students
- Organisational and financial skills developed

Pitching

Feb – Mar 2020

Meal Prep Company

- Organised and created a successful business plan and pitch which **secured funding from top venture capitalists.**

Volunteering

- Cancer Research UK - Raised money in charity runs
- The Howard Foundation - Raised money through the NCS foundation, received special commendations for my Leadership skills

Skills + Interests

Languages: English (Native), Hindi(Native), Spanish (A2)

Programming Languages: Python, JavaScript, R

Software: Photoshop, After Effects, Premier Pro, Final Cut Pro X, LaTeX

Interests: Photography, Film making, Running, Playing Guitar