

THOMAS MASSEY

CONTACT

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EDUCATION

Ardingly College, Ardingly, West Sussex

A-Levels (Currently studying):

- Computer Science
- Math's
- Physics

I/GCSEs:

- Computer Science – 9
- Design Technology – 9
- Biology – 9
- Math's - 9
- Physics – 9
- Chemistry – 8
- Art – 7
- English Literature – 6
- English Language – 6

A-Levels:

- FSMQ – B

Skills:

During my IGCSE's, I sat my mathematics exam 6 months early in January, this allowed me to move on and learn FSMQ to help ease the move to A-Levels. My IGCSE mathematics qualification is based solely on two exams unlike the teacher assessed grades later that year.

ACHIEVEMENTS:

- November 2021 - UK Math's Challenge - Silver
- December 2020 and 2021 - BEBRAS – I successfully made it through to the next stage
- February 2021- Lockheed Martin Cyber Quest - with my school scoring in the midrange scores.

Extra-Curricular Activities/Hobbies/Interests:

I spend my free time pursuing a number of different interests, chiefly relating to computing. I have taught myself how to build PCs and how to maintain networks and home and cloud servers. I enjoy many topics within computer science

such as machine learning, web development, hardware manufacturing, CAD along with some 3D digital art design.

Currently I am part of a group of 6 people participating within a competition called CanSat. The aim is to design a satellite the size of an aluminum can, the further through the competition you go, the higher the altitude the satellite will be launched. I am responsible for the CAD design; I have designed the shaped base on using software for fluid simulations aswell as designing the PCB for our satellite.

I also take a strong interest in 3D printing, I will develop designs and then print them myself along with finetuning settings to produce the final product. For 4 years I have used my technical skills to support the Ardingly Solar Car project: travelling to France and Belgium, and with several more trips being planned.

During July 2022, I participated on a 10-day voyage around the West coast of Ireland and the Isles of Scilly. I was among a crew of 40 people, and I had been able to apply my skill of quickly picking up a important process in a short amount of time. I had also got the opportunity to flex my social skills.

My other passion is sailing. For convenience I dinghy sail on the Ardingly reservoir twice a week, but I am qualified to RYA 4 (including spinnakers and 'start racing') and when I have had the opportunity, I have sailed larger boats on the Adriatic.

Computer Packages

- Microsoft Office Suite
- Touch typing
- Microsoft Windows/Linux/iOS compliance

Work experience:

- Victory Inn, Staplefield, Haywards Heath:
 - Duration: 6 months
 - Title: Assistant
 - Duties:
 - Orders
 - Bar management
 - Serving
 - Front of house attendant
 - Cleaning