

## Harik Sodhi

[harik.sodhi@chch.ox.ac.uk](mailto:harik.sodhi@chch.ox.ac.uk) | +44 (0) 7799171770

### EDUCATION

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#### **MEng Engineering Science; Christ Church, University of Oxford; 2025 – 2029**

- Appointed 2026 IT Officer, managing the website and attending meetings about IT usage at the college
- Appointed Interim Food Rep, managing events and liaising with hall staff

#### **Queen Elizabeth's School, Barnet; 2018 – 2025**

- A Levels: Maths A\*, Further Maths A\*, Physics A\*, EPQ A\*, prizes for best in year group at Maths and Physics

### EXPERIENCE

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#### **Oxford Alpha Fund General Committee; February 2026 – Present**

- Accepted as a first year into Oxford Alpha Fund after a successful project and presentation.
- Selected for General Committee, helping organise events, sponsors

#### **Optiver Trading Academy; October 2025 – November 2025**

- Accepted as a first year in a competitive selection process to participate in a Trading Academy run by Optiver
- Learning more about specific financial instruments such as ETFs, futures and instruments, as well as trading in them in a virtual environment using Python and successfully being able to have a consistent, high PnL.

#### **CeMAP; September 2025 - Present**

- Working on CeMAP, including areas like FCA regulations and different categories of investment products
- Got a Distinction (100%) on Paper 1 of Module 1 and Merit on Paper 2 of Module 1

#### **International Physics Olympiad (Silver Medal); June 2024 – July 2025**

- Achieved a Silver Medal in the 2025 International Physics Olympiad
- Best Competitor in Western Europe
- Highest Confirmed Rank of a UK competitor in 15 years

#### **Student Advisory Board; September 2023 – May 2024**

- Advised the RECF in a team of 12 students, influencing real decisions, including monthly meetings with the CEO
- Selected out of a large pool of applicants for contributions to the Robotics Community through helping students around the world with building, programming and designing

#### **VEX Robotics Volunteering; February 2023 - Present**

- Volunteered at many competitions across V5RC and VIQRC
- Worked with competitors from Year 7 to Year 13, managing communication between teams and head referees in my capacity as scorekeeper referee
- Helped conducting interviews and judging documentation of the design process in my capacity as Judge

#### **VEX Robotics; May 2021 – March 2024**

- Programmed the driver control and autonomous period, resulting in my team having the highest Autonomous Win Point percentage of any team at Nationals in 2023-24
- Helped to design the robot, using Computer Aided Design on SolidWorks
- Led a team of 8 people, ensuring effective communication and teamwork, eventually leading the team to the World Championships in 2022 and to coming 1<sup>st</sup> in our division at the National Championships in 2024
- Mentored Year 10 teams to the National Championships, helping with design and programming

#### **Mathematics Olympiad Mentoring; Sept 2020 – May 2024**

- Mentored students from younger years in Mathematics Olympiads
- Had very consistent some of the highest attendance rates of any mentor
- Coached many students to Olympiads in the UKMT system

### SKILLS AND INTERESTS

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**Coding Skills:** Knowledge in Python, MATLAB, Web Design, C++

**Languages:** English (native), Punjabi (fluent)