

# Zaheer Abbas Sidik

## EDUCATION

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### University of Oxford

*MEng in Engineering Science:*

- Preliminary Examinations: Distinction
- Second Year Examinations: First Class
- Third Year Examinations: First Class

Keble College, Oxford

*Sept. 2022 – Present*

### Parmiter's High School

*A - Levels:*

- Chemistry, Physics, Maths, Further Maths: A\*

Garston, Hertfordshire

*Sept. 2020 – Jun. 2022*

*GCSEs:*

- Chemistry, Physics, Biology, Maths, Geography: 9
- Electronics, Economics, Spanish, English Literature: 8
- English Language: 7

*Sept. 2015 – Jun. 2020*

## ROLES

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### ZASTutoring

*Tutor and Founder*

- Started my own tutoring company to provide affordable high-quality lessons from students at the University of Oxford.
- Employed 2 more tutors to cope with additional demand.
- Developed the skill of teaching and managing a business through social media.

Sept. 2021 - Present

*Online*

### Ryman

*Sales Assistant*

- Worked a part time job during my final years of high school to give myself experience in a working environment.
- Developed communication and time management skills.

Sept. 2021 – June. 2022

*Edgware, London*

### University of Oxford

*CFD Analyst - Intern*

- Simulated multiphase flow of Liquid Nitrogen over heatsinks in Power Electronics Applications to model the effects of changing geometry on transistor temperature using Ansys Fluent.
- Generated geometry using Solidworks and Ansys SpaceClaim and analysed results using CFD-Post.
- Utilised command line applications to generate rgp files for the gas properties.

June 2024 – Aug. 2024

*Engineering Department, Oxford*

### AVEVA

*Software Developer - Intern*

- Implemented a language server within the PML (Programmable Macro Language) VSCode extension and implemented features such as "Go to definition".
- Resolved coverity issues using Polaris.
- Implemented API functionality to allow for a drop down combobox in a RUR (Release Update Request) form.

July 2025 – Aug. 2025

*Cambridge Science Park*

### OUABSoc

*President*

- Led and organised weekly events.
- Worked as part of a team to hold larger events open to external guests.

May 2025 – May 2026

*Oxford University*

## AWARDS

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### College Scholarship

*Award given to students achieving the highest attainable grade in their end of year examinations.*

- Achieved in all three years.

2023 – Present

*Keble College*

## SKILLS & INTERESTS

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**Skills:** Ansys Fluent, Solidworks, VSCode Language Extensions

**Programming Languages:** MATLAB, Python, C++, Typescript

**Interests:** Athletics, Tech, Sustainability, Computational Modelling, Chemical Engineering

**Languages:** English, Arabic [Limited Proficiency]

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