

# Ákos Tibor Hadar

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## Contact details

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## Education and Qualifications

<b>University of Surrey</b>	(18/09/2024 - Present)
<b>Mathematics and Physics (MPhys)</b>	First Year Average: 78.63% (First Class)
.	Second Year Average: 74.75% (First Class)

### Skills gained

- Handling laboratory equipment and carrying out experiments in a laboratory.
- Producing research papers using LaTeX.
- Keeping a detailed record of my work (e.g.: lab diaries for experiments).
- Group work.
- Planning novel experiments and constructing original hypotheses.

<b>Guildford County School A-Levels</b>	Year Graduated: 2023
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- EPQ: A
- Mathematics: A
- Computer Science: B
- Physics: C
- Further Maths: C

<b>The Crest Academy GCSEs</b>	Year Graduated: 2021
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- Science: 9,9
- Mathematics: 8
- Further Maths: 8
- English Language: 8

*Four additional subjects ranging from grade 6 to grade 9.*

### Awards

UKMT Senior Mathematical Challenge: Gold Certificate	Year Awarded: 2022
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Duke of Edinburgh: Gold Certificate	Year Awarded: 2022
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### Notable Achievements (Academic and Non-Academic)

2025 International Physics Tournament UK Team Member (produced theoretical model and planned experiment) see paper <a href="#">here</a> .	Year of Selection: 2024
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Completed 'Tour du Mont Blanc' hiking trail in 8 days.	Year: 2024
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Completed a 15-day cycling trip from London to Budapest.	Year: 2023
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## Previous Employment

**Most Recent Employer:** MyTutor

(05/01/2025 - present)

**Job Title:** Mathematics and Physics Tutor (GCSE and A-level)

- Preparing student-specific worksheets and lessons.
- Marking students' work.
- Helping students develop programming and maths skills.

**Other Employer:** University of Oxford: Department of Physics, Atmospheric, Oceanic and Planetary Physics

(14/07/2025 - 05/09/2025)

**Job Title:** Research Assistant

- Explaining research by Oxford Physics.
- Finding real-world impacts of research due to Oxford Physics.

**Other Employer:** Guildford County School

(10/06/2022 - 17/06/2022)

**Job Title:** Teacher's Assistant (specifically in Mathematics department)

- Helping students in lessons.
- Assisting teachers with preparing worksheets and tests.
- Checking and correcting students' work.
- Attending meetings with teachers to help plan teaching material.

## Skills

- Python - Creating complex projects either alone or in a group.

**Examples:**

A-level NEA: personal assistant AI (Grade: A) see [here](#).

University group project: developing a computational model to predict outcomes of Olympic events (First Class).

- Writing studies/papers or reports with research using Microsoft Word or LaTeX.

**Examples:**

A-level EPQ on the study of intelligence (Grade: A, written in Word).

University research papers ([here](#)) and group projects (First Class group work and research papers, written in LaTeX).

- Fluent in English and Hungarian.
- Data analysis and representation using Python.

## Interests

- Composing (guitar, piano and drums).
- Sports - tennis, cycling, hiking.
- Reading (scientific journals and novels).

## References

Available on request.