

# Thomas Hiorns

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## Personal Profile

I am a final-year student studying Mathematical Sciences at the University of Bath. I am hard-working, friendly, and reliable. I am a fast learner with a proficiency in Mathematics and a desire to work in telecomms who is always up for taking on a new challenge. I enjoy working with others and I look forward to gaining new skills in the future.

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## Education

**University of Bath:** 2020-2024

Mathematical Sciences BSc (Hons) – predicted 2:1

Relevant modules: Programming and Discrete, Probability and Statistics

**All Hallows Catholic Sixth Form:** 2018-2020

A\*A\*A\* in A-Level Physics, Mathematics and Further Mathematics

**All Hallows Catholic School:** 2013-2018

9A\*'s in GCSEs with 9,8 in Mathematics and English Language

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## Experience

**Technology Intern at Virgin Media** 2022-2023

- Sole developer of an R app used for checking if proposed fibre paths fit an Ofcom requirement. This involved learning from scratch how to create user interfaces in R as well as how spatial networks are stored.
- Automated various regular reporting flows using R and VBA, and replacing outdated spreadsheets with user-friendly, macro-enabled reports.
- Improved skills in R and Excel, as well as teamworking and stakeholder management.

**Assistant to pricing team at StarStone Insurance** July 2019

Responsible for ensuring that the quality of the data kept by the pricing team was up to a high standard. This role gave me experience in working with others in an office environment and in handling data.

**Private Tutor at Farnham Maths and Science Tuition Centre** 2018-Present

Tutors students in Science and Mathematics at both GCSE and A-Level. Successfully helped students improve their grades and typically they graduate around 2 grades higher than the level they were before tuition.

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## Skills and Achievements

Programming: experience in R, Python, VBA, SQL and MATLAB.

Is proficient in Microsoft Office, especially in Excel.

Has participated in Agile training and has experience working in Agile teams.

Participated in the UKMT Senior Mathematical Challenge in 2019. Achieved the gold certificate as well as a certificate for the highest mark in school and an invitation to the Kangaroo Olympiad in which I achieved a merit.

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## Interests and Activities

- Has been involved in scouting for 13 years. This has led to various enrichment and volunteering opportunities.
- Examples of these include being a Young Leader for Cub Scouts, ticketing at community events, and marshalling at a local hospital during their COVID-19 testing and vaccination programmes.
- Enjoys reading, watching films and hiking.