

Joshua Thompson

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Personal Profile

A driven, adaptive learner with a deep passion for the fast-paced evolution of technology. Engagement with cutting-edge innovations, paired with a commitment to sustainability, has led to partaking in many exciting projects. Thriving on pushing boundaries and exceeding expectations. Academic achievements and ability to foster meaningful relationships reflect the continuous development of technical expertise, resilience, and active listening skills.

Work Experience

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| July – September
2024 (3 months) | Data Engineer (Consulting) Intern – BAE Systems
As part of an agile team, collaboration focused on researching Large Language Models and Natural Language Processing techniques to enhance automated table understanding. Contributions were made to dev tasks alongside colleagues, working together to meet sprint goals. |
| July 3 rd – August 25 th
2023 (2 months) | Data Science Intern – Penta Group
Core member of the data science team, creating data visualisation tools for analysts. Communication was improved to facilitate addressing complex problems. Gaining more knowledge of SQL enabled the optimization of complex queries to manipulate Big Data. |
| July 2021 – October
2023 (~2 years) | Front of House Staff – Old Fold Manor Golf Club
Learned many catering skills and how to interact well with customers and have helped coordinate 100+ people events. |
| June 2022 - July 2022
(1 week) | Wealth Management Work Experience – St James's Place
Engaged with employees and set up meetings to gain insight into financial advising. Visiting the investing floor sparked an interest in ESG investing; particularly in the perspective of agricultural technology. |
| July 2021 (1 week) | Work Experience – OakNorth Bank
Provided invaluable insight into the clockwork of OakNorth Bank. It involved learning to review concise documents and gaining a plethora of skills, including analysis, high-level thinking and organisation. |

Education

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| September 2022 –
June 2026 | Integrated Masters (MSci) – Durham University
3 rd year MSci Joint Honours degree in Mathematics and Computer Science. 78% in second year (on track for a 1 st). |
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September 2020 – June 2022	A-levels - St Albans School 3A*s in Mathematics, Physics and Computer Science. An A in AS Further Maths and an A in the Extended Project Qualification (EPQ).
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Competencies

Teamwork – Enjoyment comes from working as a team in addition to independently. As former head of the Stephen Hawking Society, responsibilities included coordinating a team in organising lectures from prestigious field experts. This experience has led to a strong ability in promoting creative and effective solutions to novel problems in a synergistic team.

Communication – An ability to confidently communicate both written and verbally, whether one-to-one or in a group setting. As a welfare representative that helps first year students during their first week of university, developing active listening skills to address a range of problematic, uncomfortable and unforeseen scenarios has been crucial.

Qualifications

2024 – Present	AWS Certified Cloud Practitioner – Amazon Web Services (AWS) Universally-accredited understanding of cloud services and terminology.
March 2021 - June 2021	ML0101EN: Machine Learning with Python: A Practical Introduction – IBM An introduction to ML techniques, operating with tools for categorizing and predicting data trends.
September 2017 – January 2020	GCSEs - St Albans School Awarded seven 9's, two 8's and a 6, with an average grade of 8.5.

Other interests

Present	Tennis and Hockey Captain of the University college's Men's Hockey team and president for tennis. The enthralling pace of these games improve awareness, coordination and enable elevation of mental and physical health.
2022 – Present	Code Club Volunteer Attending weekly sessions to help teach and improve 8-14 year old children's coding skills.
2014 – 2021	Piano Grade 8

References

Yuliya Halavachova	Penta Group – Senior Data Scientist yuliya.halavachova@pentagroup.co
Ben Wulwik	OakNorth Bank - Head of Legal & Transaction Management ben.wulik@gmail.com