

ALISON THORPE

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TECHNICAL SKILLS

- **Programming:** C, C++, C#, Go, Java, JavaScript, PHP and Python.
- **Databases:** CouchDB, InterBase, MongoDB, MySQL and SQL Server.
- **Miscellaneous:** Windows, Mac OS, Linux OS, Docker, Git, Kubernetes, AWS, Google Cloud, Bash and Microsoft Office (Access, Excel, PowerPoint, Word).

EDUCATION

SEPTEMBER 2018–JULY 2022

BSC (HONS) COMPUTER SCIENCE WITH INFORMATION SYSTEMS, UNIVERSITY OF ABINGDON

- Predicted a 2.1. Key modules include: high-performance computing and distributed systems (67%), database systems implementation (68%); and advanced machine learning (66%).

SEPTEMBER 2012–JUNE 2018

A LEVELS AND GCSES, JOHN REDMOND HIGH SCHOOL, IPSWICH

- A LEVELS: maths (A), English (B) and information technology (A)
- GCSES: nine GCSEs with grades 9–7 and A*–B including English literature (8), English language (7) and maths (9).

WORK EXPERIENCE

SEPTEMBER 2020–JULY 2021

INDUSTRIAL PLACEMENT DEVELOPER, QUESTION TECHNOLOGIES (HYBRID WORKING)

- Contributed to development of the March 2021 update for Question Technologies' flagship software, Question Answerer 4, primarily coding using C and C#.
- Responsible for implementing improvements to the user interface and conducted in-depth research into methods to increase the software's accessibility functionality.
- Demonstrated strong teamworking skills with colleagues in the development team, which was necessary for discussing requirements and solutions to complex problems.

JULY–AUGUST 2019

IT SUPPORT INTERN, GROUP MTI, OXFORD (OFFICE BASED)

- Shadowed senior IT support technicians to support ten of Group MTI's clients.
- Worked closely with suppliers to resolve operational issues.
- Installed and configured computer hardware systems and IT software.
- Monitored IT networks to maintain availability to internal and external users.
- Troubleshooted desktop PCs, laptops and mobile devices.

DECEMBER 2018

VOLUNTEER, TECH4KIDS

- Assisted in teaching the basics of coding to students at St Benjamin's School, Didcot.

OCTOBER 2016–AUGUST 2018

RETAIL ASSISTANT, SAINSBURY'S, IPSWICH

- Won Employee of the Month award for outstanding customer service.
- Deputised for the department manager. Resolved problems such as customer complaints and colleagues' difficulties with retail systems.
- Trained and supported two new members of staff on how to use the retail point of sale, cash management and order management systems.
- Dealt with customer enquiries in person, via email and over the phone, strengthening client-facing skills, commercial awareness and product knowledge.

PROJECTS AND HACKATHONS

NOVEMBER 2021

UNIVERSITY CHALLENGE VIRTUAL HACKATHON (GITHUB.COM/ALITHORPE/GAME)

- Represented the University of Abingdon at a three-day hackathon, in a team of five students.
- Developed gamification to help school students explore different STEM careers.
- Pitched the game to a jury of IT companies and came second, securing an invite to the Champions of Champions hackathon.

APRIL–OCTOBER 2019

FINDMYGLASSES ANDROID APPLICATION (GITHUB.COM/ALITHORPE/GLASSES)

- Working in a team of two at a hackathon, developed an application for Android OS in 36 hours. This app used GPS tracking to find a user's glasses. This was written in Java.
- This demo was later fleshed out and released on the Play Store in October 2019. Downloaded 1,467 times since release.

ONLINE COURSES

- **AWS Educate.** Completed five Cloud Career Pathways: Cloud Computing 101, Machine Learning, Data Scientist, Cybersecurity Specialist and DevOps Engineer. Each pathway involved an average of 25 hours' content.
- **Accenture Digital Skills: User Experience.** Dedicated two hours a week for three weeks in total. Topics included: Why is user experience important; User experience basics; and Tools and testing.

INTERESTS

- **Grade 8 Oboe.** Performed in the university woodwind band. Served as treasurer from 2019–20.
- **Basketball.** Member of the women's first team at university, including league and BUCS games.
- **Hiking.** Previously hiked up Ben Nevis, Scafell Pike and Snowdon in the UK, as well as completing the Inca Trail to Machu Picchu in Peru.

REFERENCES AVAILABLE UPON REQUEST.