

Contact

amy.barnhouse@icloud.com

www.linkedin.com/in/amy-b-674513208 (LinkedIn)

Top Skills

Radio Host

Social Media

Community Outreach

Certifications

Piano Grades 1-6

SJP Virtual Work Experience

Microsoft Certified: Azure AI Fundamentals

CGI Insight Day

Silver Award

Amy Barnhouse

Final Year Maths and Computer Science Student at St Chad's College, Durham University
Leatherhead, England, United Kingdom

Experience

Purple Radio

Radio Producer and Presenter

October 2025 - Present (5 months)

Durham, England, United Kingdom

- Producer and co-host of a weekly university radio show
- Manage social media channels to promote the show and engage listeners

MyTutor.co.uk

Tutor

September 2023 - Present (2 years 6 months)

- Tutoring students in Mathematics and Computer Science qualifications
- KS3 students to A Level

BlackRock

Summer Analyst - Financial Engineering

June 2025 - August 2025 (3 months)

London, United Kingdom

St Chad's College, Durham University

Wellbeing Campaigns Officer

April 2024 - March 2025 (1 year)

Durham, England, United Kingdom

- Manage social media channels for college Wellbeing
- Create and distribute media for large campaigns throughout the year
- Work within the Wellbeing committee to enhance student experience and mental health
- Plan and carry out events involving external charities and organisations
- Hold drop-ins for students to provide advice and access to Wellbeing resources

BlackRock

Women of the Markets Insight Day

September 2024 - September 2024 (1 month)

Greater London, England, United Kingdom

- Had an insight into portfolio management and the importance of diversifying between asset classes
- Understood BlackRock's leading role in the ETFs market and how iShares democratises investment
- Connected with members of BlackRock's women's network

Geoptic Infrastructure Investigations Limited

Intern - Data Scientist

June 2024 - August 2024 (3 months)

Hampshire, England, United Kingdom

- Modelling muons in 3D simulations
- Applying Python data analysis to tunnel modelling and simulating defects in concrete foundations

Deloitte

Intern - Spring Into Deloitte

April 2024 - April 2024 (1 month)

Birmingham, England, United Kingdom

- Interactive insight program over two days aimed at Women in Tech, Tax and Audit
- Learning about developing a strong personal brand and growing a career
- Presenting ideas regarding a real-life case study to a panel of Partners and other attendees
- Engaging networking opportunity

Marshall Wace

Marshall Wace Technology Insights Day

April 2024 - April 2024 (1 month)

London Area, United Kingdom

- Understood Marshall Wace's Technology division and its areas within the hedge fund's processes
- Connected with employees from different Technology areas and learnt about the opportunities available within the graduate scheme

Durham University Finance Society

Quantitative Analyst

October 2023 - February 2024 (5 months)

Durham, England, United Kingdom

Waitrose & Partners

Supermarket Assistant

October 2020 - September 2023 (3 years)

Surrey, England, United Kingdom

Deloitte

Work Experience

July 2021 - July 2021 (1 month)

Reading, England, United Kingdom

- Virtual Careers Shapers programme
- Three-day programme networking with Partners
- Developing communication skills by preparing elevator pitches
- Heard from employees across Risk, Audit, and Consulting
- Learning more about Deloitte's service lines and the career opportunities available after Sixth Form

HSBC

Work Experience

July 2021 - July 2021 (1 month)

- Virtual Work Experience
- Gained knowledge of interview processes and how to be successful in assessment centres
- Was shown the alternatives to the traditional university route (eg.apprenticeships)

St. James's Place Wealth Management

Work Experience

April 2021 - April 2021 (1 month)

London, England, United Kingdom

- Virtual Work Experience
- Heard from current Partners in Risk Advisory and Investment Banking
- Learnt about the importance of a relationship between the company and its high-profile clients.

Airbus Helicopters UK Limited

Work Experience

August 2019 - August 2019 (1 month)

Oxford, England, United Kingdom

- Two days were spent on the Oxford site
- Gained experience using CAD to design custom elements for emergency services vehicles and high-profile clients
- Sat in on helicopter test flight
- Hands-on experience in fitting electrical equipment and testing.

Education

Durham University

MSc, Mathematics and Computer Science · (September 2022 - June 2026)

St Andrew's Catholic School

A Levels: Maths, Further Maths and Physics · (September 2015 - July 2022)