

Libby Griffiths

Undergraduate Software Engineer

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PROFILE

A motivated software engineer with hands-on experience in developing scalable, innovative solutions. With a strong foundation in Computer Science and a passion for solving complex problems, I have honed my skills in object-oriented programming, distributed systems, and software optimization through academic studies and professional experience. I am eager to bring my technical expertise, adaptability, and customer-focused approach to Amazon's Software Development team to deliver impactful technologies at scale.

KEY SKILLS

- **Programming Proficiency:** Skilled in C#, Python, and JavaScript; familiar with Java and C/C++ syntax.
 - **Object-Oriented Design:** Experienced in designing and implementing robust systems using OOP principles.
 - **Software Development:** Proficient in Agile methodologies, debugging, and building reliable software solutions.
 - **Distributed Systems:** Understanding of distributed computing environments, scalable system design, and fault-tolerant architectures.
 - **Problem-Solving:** Strong background in algorithm design, data structures, and complexity analysis.
 - **Collaboration:** Effective in cross-disciplinary teamwork, delivering innovative solutions in fast-paced environments.
 - **Tools:** Visual Studio, Jira, Bitbucket, SourceTree, Confluence, MySQL, HTML/CSS, PHP, and React.
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EDUCATION

Bournemouth University

2021 – Present

BSc Software Engineering (Current: 2:1)

- Focused on distributed systems, algorithm optimization, and object-oriented programming.
- Gained experience in developing web applications, databases, and software engineering practices.

Halesowen College

2019 – 2021

A-Levels: Computer Science (C), Psychology (B), Mathematics (C), EPQ (B)

St Paul's School for Girls

2014 – 2019

9 GCSEs (Grades 5-8), including Mathematics (8) and English Language (5)

WORK EXPERIENCE

Placement Student – Simulation Development

Drilling Systems

July 2023 – July 2024

- Designed and implemented advanced training simulations using C# and object-oriented design.
- Collaborated with cross-functional teams to deliver user-focused solutions that improved system functionality and engagement.
- Conducted rigorous testing, debugging, and validation of new features to ensure reliability and smooth integration.
- Participated in Agile workflows, including daily stand-ups and task management via Jira.
- Enhanced software reliability through proactive problem-solving and optimization techniques.
- Utilized tools like Visual Studio, Bitbucket, and Confluence for efficient project management.

Retail Assistant

Primark

2020 – 2021

- Delivered exceptional customer service by efficiently addressing customer needs and resolving issues.
- Gained experience in multitasking and time management in a fast-paced environment.

Sales Assistant

Clarks Shoe Store

July – September 2019

- Leveraged problem-solving skills to provide tailored solutions for customers.
- Maintained store efficiency under pressure, demonstrating adaptability and initiative.

REFERENCES

Available upon request.
