

Libby Griffiths

Undergraduate Software Engineer

07976 125066 | libbygriffiths00@gmail.com | libbygriffiths.co.uk

PROFILE

I am a highly motivated and adaptable undergraduate software engineer with hands-on experience in developing innovative and scalable solutions. With a strong foundation in computer science and a passion for high-performance engineering, I specialize in object-oriented programming, and software optimization. I thrive in fast-paced, results-driven environments and am eager to contribute my technical expertise and problem-solving ability.

KEY SKILLS

- Programming Languages: Proficient in C#, Python, JavaScript; familiar with developing applications using .NET and WPF for Windows-based systems.
 - Software Development: Agile methodologies, debugging, and performance optimization.
 - Object-Oriented Design: Experience in designing and implementing robust, scalable architectures.
 - Problem-Solving: Strong background in algorithm design, data structures, and complexity analysis.
 - Collaboration: Effective in cross-functional teams, delivering solutions in high-pressure environments.
 - Database Management - Skilled in SQL for database optimization and querying. Experience with developing and maintaining efficient database solutions.
 - Tools & Technologies: Visual Studio, Jira, Bitbucket, Git, SourceTree, Confluence, MySQL, HTML/CSS, PHP, React.
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EDUCATION

- Bournemouth University (2021 – Present)
 - BSc Software Engineering – Predicted 2:1
- 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 Software Engineer –
Drilling Systems (July 2023 – July 2024)

- Developed and optimized advanced simulation software using C# and object-oriented principles to enhance system performance.
- Collaborated with Agile teams, ensuring efficient testing, debugging, and seamless integration of new features.
- Used Visual Studio, Jira, Bitbucket, and Confluence to manage development tasks and project workflow.
- Contributed to performance optimizations and collaborated cross-functionally to improve system user experience.

Retail Assistant -
Primark (2019 – 2021)

- Developed strong problem-solving and customer service skills in a high-pressure retail environment.
- Managed transactions efficiently, handling cash and card payments accurately.
- Maintained a well-organized and visually appealing store layout to enhance customer experience.
- Worked collaboratively in a fast-paced team, ensuring smooth day-to-day operations.
- Adapted quickly to changing demands, balancing multiple tasks during peak hours.

Seasonal Sales Assistant -
Clarks Shoe Store (July – September 2019)

- Applied adaptability and initiative to provide tailored solutions for customers.
- Assisted customers in finding the right footwear, considering comfort, style, and fit.
- Delivered expert product knowledge and aftercare advice, enhancing customer satisfaction.
- Gained experience in stock management, replenishing inventory and processing deliveries.

REFERENCES

Available upon request.