BEN MULLIGAN

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EDUCATION

BSc, Computer Science with Industrial Placement, University of Newcastle   2021 - 2025
Achieved First Class with Honours

Shrewsbury School   **2016 - 2021**
A Levels: Business Studies (A*), Computer Science (A), Mathematics (A)
i/GCSEs: Biology (8), Chemistry (8), Physics (8), Mathematics (8), Spanish (8), English (A), English Lit. (A), Computer Science (7), Drama (7), History (B)

EXPERIENCE

Virgin Money, Newcastle
Technical Graduate   **Aug 2025 – Present**

- Assisted with the merging of systems during Virgin Money's integration with Nationwide, ensuring smooth data migration and minimal service disruption.
- Developed and maintained internal software tools to automate reporting and streamline workflows across multiple teams.
- Collaborated with senior developers to design, test, and deploy new features for customer-facing applications, improving efficiency and user experience.

Nissan, Sunderland   **Aug 2023 - Aug 2024**
Software Developer ISD Placement

- Lead developer of the Academy section in the Nissan Developer Web App, streamlining API management and UAT processes using Spring Boot and Angular for a robust knowledge-sharing platform.
- Managed bi-weekly Monozukuri meetings for Managers and Directors across plants globally, creating agendas, facilitating business updates, and incorporating interactive elements to enhance engagement.
- Developed Secure Web Services: Created and optimized SOAP and REST services, improving data retrieval and error handling processes.
- Contributed to Project Butterfly: Assisted in AI-driven inventory optimization and stock loss prevention, collaborating with industry vendors.
- Mainframe Training and Development: Gained proficiency in NATURAL programming and mainframe interface, developing and promoting programs across environments.
- Enhanced Presentation Skills: Completed a presentation skills course and applied techniques to effectively lead meetings and communicate complex technical concepts.

Bar Blanc, Newcastle   **Aug 2022 - Dec 2022**
Bar Staff Member

- Completed daily opening and closing checklists and housekeeping responsibilities.
- Created unique and enjoyable experiences for customers with strong mixology and service skills.
- Consistently maintained impeccable standards of presentation on dining and bar floors.

Blevins Franks Wealth Management Ltd, Marbella, Spain   **Aug 2021 - Sep 2021**
Summer Intern
- Analysed client database and identified portfolios that required review.
- Prepared annual portfolio review documentation.
- Designed and created an internal staff holiday calendar, utilized company wide.
- Completed assigned tasks receiving positive feedback on organization and time management skills.

SKILLS
- Extremely proficient in Python, Java, C, Go, and NATURAL programming.
- Well-versed in managing databases and SQL.
- Skilled in Angular and Spring development, deftly applying HTML, CSS, JavaScript, TypeScript, and Markdown.
- Competent in MRP software management, Grafana dashboards, Microsoft Office, and Google Services.
- Proficient in Git, CLI commands, and Arduino circuit board programming, complemented by extensive experience in soldering and working with Arduino technology.
- Expertise in integrating and managing APIs to enhance web applications.
- Proficient in Agile and Scrum methodologies for efficient project management.
- Conducted thorough testing and debugging to ensure high-quality software delivery.
- Developed comprehensive documentation for software projects and processes.
- Strong analytical and problem-solving skills to address complex technical issues.
- Applied principles of user interface and user experience design to improve usability.
- Strong interpersonal skills, highly analytical, adaptive, decisive, and team-player.
- Confident Spanish speaker after living in Spain for 16 years.

POSITIONS OF RESPONSIBILITY
- **2023-2024 -** Lead developer for the Nissan Developer Academy Web App.
- **2022-2023** - Peer mentor for incoming Newcastle University Computer Science students.
- **2021-2025** - Member of Newcastle University Computer Science Society.
- **2020-2021** - Head of House at Ingrams Hall, Shrewsbury School.
- **2019-2021** - Lead Representative of the Eco Committee Society at Shrewsbury School.
- **2020-2021** - Member of Shrewsbury Schools Individual Diversity Committee.
- **2018-2020** - Member of Shrewsbury Schools Global Social Leaders Society (GSL).
- **2016-2021** - Recruited for Shrewsbury Schools Combined Cadet Force (CCF).
- **2016-2021** - Digital house representative for Ingram's hall at Shrewsbury School.