BERTRAM SIMMONS

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Education

Newcaslte University   **Expected Graduation: May 2027**
Bachelor of Science - BSc (Hons), Computer Science   *Newcastle Upon Tyne*

- First Year grade— **80%**
- Courses: Fundamentals of Computing, Computer Systems Design and Architectures, Foundations of Data Science, Programming Portfolio 1 and 2, Algorithm Design and Analysis, Security Programming, Software Systems Design and Implementation

Hautlieu   **Sep 2022 - May 2024**
Art, Maths and Physics   *St Saviour, Jersey*

- A-levels— **A*BB**
- Awards: Achieved the **Best Artist award**, for GCSE and A-level, and a **Jersey Eisteddfod Gold (Art)**

Work Experience

Sports Direct   **Dec 2022 – Present**
Sales Assistant   *St Helier, Jersey*

- Influenced store operations by analysing sales patterns and customer trends to improve product placement - demonstrating an **analytical** and **problem-solving mindset**

- Used point-of-sale (POS) and stock management systems daily, developing familiarity with digital tools and **data-driven decision-making**

- Adapted quickly to new systems and procedures, reflecting strong technical **adaptability** and **willingness to learn new technologies**

JD Sports   **Sep – Dec 2022**
Sales Assistant   *St Helier, Jersey*

- Provided a high-quality customer experience in a busy retail environment, enhancing **communication** and **teamwork skills**

- Maintained accuracy in transactions and stock control, strengthening **attention to detail** and **data integrity awareness**

Projects

Spotify Music Finder | *Source Code*   **ReactJS | Spotify API | Tailwind CSS**

- Developed a web application integrating Spotify's Web API and Playback SDK, enabling users to discover similar songs through advanced audio feature analysis including BPM, key, energy levels, and genre

- Implemented real-time music playback controls, playlist management, and an intelligent recommendation system using Spotify's audio features API to calculate similarity scores and suggest tracks

Certifications

Datacom | Cyber Security Virtual Experience Progam on Forage   **Oct 2025**

- ∗ Incorporated **OSINT** tools to investigate an APT group linked to a company data breach, identifying vulnerabilities and assessing the technical and business impacts
- ∗ Completed a **risk assessment** using a structured framework to develop and communicate effective mitigation strategies

Technical Skills

Languages: Python, Java, JavaScript, C, SQL, HTML5, CSS

Developer Tools: Git, Azure

Libraries/Frameworks: ReactJS, Astro, Vite, PostgreSQL, Tailwind CSS, Lucide

Additonal Work Experience

Star Noodle Bar   **Jul – Sep 2022**
Crew Member   *St Helier, Jersey*
- ∗ Managed multiple orders simultaneously during peak hours, strengthening **time managemen**t and **multitasking skills**

- ∗ Prepared food items accurately and consistently, demonstrating attention to detail and adherence to safety/hygiene standards

Framing Workshop Ltd   **Dec 2021 – Jun 2022**
Framer/Team Member   *St Helier, Jersey*
- ∗ Measured, cut, and fitted glass and framing materials with precision, developing strong **attention to detail** and **accuracy**
- ∗ Collaborated closely with colleagues and customers to deliver high-quality, tailored products, improving **teamwork** and **communication skills**

Achievements

- Earned the prestigious **Grand Prior's Award** with St John Ambulance, completing over 100 hours of community service providing first aid to events and skill development across multiple first aid disciplines

- Recieved **Best Artist Award** in both GCSE and A-Level cohorts, highlighting top performance, strong portfolio development, and leadership in creative projects

- Won a **Gold Award** at the Jersey Eisteddfod, recognising outstanding performance and excellence in artistic expression

Additional Skills

- Full clean driving license

- IT - proficient in Photoshop and Microsoft Office, including Outlook, Excel, PowerPoint and Word

Interests

- Playing guitar, DJing, learning music production using Ableton Live

- Going to the gym and staying fit and active

- Socialising with friends and enjoying live music events