

BERTRAM SIMMONS

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Education

Newcaslte University

Bachelor of Science - BSc (Hons), Computer Science

Expected Graduation: May 2027

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

Art, Maths and Physics

Sep 2022 - May 2024

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

Sales Assistant

Dec 2022 – Present

St Helier, Jersey

- Supported 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

Sales Assistant

Sep 2022 – Dec 2022

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 | Website | 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, dynamic 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

- * Utilised **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