

# BERTRAM SIMMONS

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## Education

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### 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

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### Sports Direct

Dec 2022 – Present

*Sales Assistant*

*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

Sep 2022 – 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

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### 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

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### Datacom | Cyber Security Virtual Experience Program 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

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

**Developer Tools:** Git, Azure

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