

MARCUS ALAN BLINN-HAYNES

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EDUCATION

University of Plymouth

2018 - 2021 & 2022 - 2023

BSc (Hons) Computer Science

Second Class Honours (Upper Division)

- Created a user-friendly Gardening Application in React Native during a six-month dissertation project, demonstrating expertise in software development. The project encompasses development methodologies, technology stack, and user testing, offering valuable experience in mobile app development.
- Authored a scientific report titled “Advancements in Simulating Real-World Guitars Through Physical Modelling.” Showcasing my expertise in the fields of computer science and music, and highlighting my ability to bridge these domains. It demonstrates my ability in researching and communicating complex concepts.
- Developed a custom K-means clustering implementation to understand its principles and limitations on a 2D Gaussian dataset, as well as exploring machine learning for network intrusion detection using neural networks, incorporating data preprocessing and PCA in MATLAB.

EXPERIENCE

IT Support , Ultimate Destinations

2014 - 2018

- Established and maintained office hardware ensuring optimal performance
- Offered technical support both onsite and for remote employees, ensuring minimal downtime
- Managed and updated the company’s website for improved user experience

Bar Staff , The Harefield

2016 - 2018

- Managed daily operations in a community-centric pub, prioritizing customer service by efficiently pouring drinks and serving food

General Assistant , Time Fairs - Clock and Watch Fair

2021 - 2022

- Supervised admissions, ensuring smooth entry and exit for all attendees and shop keepers
- Assisted in post-event wrap-up, contributing to efficient facility management

Student Ambassador , Plymouth University

2022 - 2023

- Represented the Computer Science department during open days, sharing experiences and insights with prospective students

PROGRAMMING LANGUAGES AND PROFICIENCIES

Python ◊ C ◊ C++ ◊ HTML ◊ CSS ◊ JavaScript ◊ JAVA ◊ ReactNative ◊ MATLAB ◊ Linux

AWARDS AND SCHOLARSHIPS

Duke of Edinburgh, Bronze Award

2012

Achieved recognition for demonstrating skills, physical activity, voluntary service, and an adventurous journey, building resilience, determination, and self-reliance

National Citizen Service

2014

Successfully completed a program focused on community service, personal growth, and social integration. Involved in team projects, outdoor challenges, and community assistance initiatives

HOBBIES

I play guitar, piano, drums and trumpet. Music production. Indoor rock climbing. Competitive Gaming