

SUBOMI OLUSANYA

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SUMMARY

Current computer science undergraduate with keen interest in AI, software and web development and data science. Possesses foundational skills in Python, HTML, CSS, JavaScript & Git Version Control and has hands-on experience with Arduino-based projects using C++ variant programming languages. Proficient in Microsoft Office, including Word, PowerPoint and Publisher. Demonstrates leadership and organisational skills after coordinating charity events achieving over £300 for charity as House Captain. Open to exploring a variety of sectors within computer science, software engineering and data analytics and applying my skills to real world challenges.

EDUCATION

BSc Computer Science | University of Leicester | September 2024-Present

- Predicted Grade: First Class.

A-Levels | Christ's Hospital | June 2024

- Physics (B), Maths (B), Design & Technology (A), Extended Project Qualification (EPQ) (B).

EXPERIENCE

International Women's Day Hackathon | University of Leicester

March 2025

- Solved brief 'Develop a tech solution that addresses a societal issue by improving accessibility for underrepresented groups.'
- Proposed 'EasyWay' an app to aid individuals with disabilities in planning accessible travel.
- Includes: Live notifications (disruptions, elevators in service), ramp requests, accessible routing & feedback (if experienced negative attitude from staff).

Writer, Editor & Designer of Christ's Hospital Science Journal

January 2023- April 2024

- Led the content creation for a student-led science journal including writing, collecting and printing articles based on the selected theme.
- Designed the front cover and background images, proofread and edited over 25 submitted articles.

Ministry of Justice Workshop | August 2023

- Learnt the basics of HTML, CSS, and JavaScript.
- Produced website including images, a form and automatic picture carousel.

Arkwright Scholarship Interviewee

January 2022- September 2023

- Finalist out of 1,500 applicants for Engineering, Computer Science, and Design & Technology Scholarship.
- Constructed a sensor, buzzer and light coding project with no prior coding experience, which sparked a strong interest in computer science.

Vice- President & Junior Lead of African & Caribbean Society | Christ's Hospital

September 2021- June 2024

- Coordinated and guided weekly meetings, promoting conversations and expanding knowledge of the diverse cultural perspectives represented at Christ's Hospital.
- Co-ordinated a debate 'Is AI Racist: Exploring Algorithmic Bias' attended by over 50 students.

House Captain of Coleridge A | Christ's Hospital

September 2022- June 2023

- Led and directed school event participation for a boarding house of 40 students.
- As a house captain, conducted all house charity events and competitions, including a bake sale, which raised over £300 for charity.

PROJECTS

The AI Toolkit

June 2025

- Built an educational website using HTML, CSS and JavaScript.
- Aims to educate on and demystify AI and technology with articles and external resources.
- Includes: Guides, Articles, External Resources, Glossary and Submission page

- Designed a website for a bank using HTML5, CSS, JavaScript, and jQuery.
- Awarded First Class in the assignment.
- Included:
 - Mortgage Calculate with fixed interest rate that takes inputs from user, calculates monthly payments, assesses eligibility, display an expense breakdown and uses JavaScript and jQuery to ensure valid inputs.
 - Contact Us page with contact form and validates inputs.
 - Service Page with interactive jQuery animations.
 - FAQ Page with accordion style questions and answers.

Christ's Hospital Science Journal' Article Submissions**February 2023-April 2024**

- **Published 'The future of Sentient Computers'.**
 - Defined sentience and the requirements for developing sentient computers.
 - Discussed the factors limiting sentience and the ethical implications.
- **Placed 3rd in 'Top 10' edition: 'Racism in Machine Learning: Overcoming Bias in Algorithm Development'.**
 - Described algorithmic bias in AI and methods to eliminate it.
- **Published 'Diversity in STEM: An interview with Dr Maggie Aderin-Pocock'.**
 - Had the opportunity to interview space scientist Dr Aderin-Pocock, learning about her vast career.
- **Published 'Racing to success: An interview with George Imafidon'.**
 - Interviewed performance engineer, George Imafidon, learning of his upbringing and role in motorsport industry.
- **Co-wrote an article titled 'The Evolution of Coding' with a classmate.**
 - New programming languages, their creation circumstances and their impact in the programming world.

Extended Project Qualification**September 2022- June 2023**

- Evaluated how to improve cyclist safety and produced a sensor for mounting on the back of a vehicle, featuring 4 LED lights and a buzzer which aims to alert a cyclist when within an unsafe distance of the vehicle.
- Powered by an Arduino Uno and programmed in Arduino programming language.
- Analysed key factors impacting the safety of cyclists and evaluated device effectiveness through a structured research process, assessing potential to enhance road safety for cyclists.
- **Achieved grade B.**