

BRYAN KALEMBA

Computer Science Undergraduate | Aspiring Software Engineer & Web Developer

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PROFILE

Computer Science undergraduate at the University of Nottingham (expected graduation 2028) with hands-on experience building AI, computer vision, and web applications. Comfortable across Python, C, and Java, with a track record of delivering working software for real clients and independent projects. Seeking a software engineering or web development internship / graduate scheme to apply and grow these skills in a professional environment.

EDUCATION

BSc Computer Science, University of Nottingham

2025 – 2028 (Expected)

Relevant modules: Programming & Algorithms, Databases & Interfaces, Introduction to Software Engineering

TECHNICAL SKILLS

Languages: Python, C, Java, JavaScript

Tools & Concepts: APIs & API integration, Formspree, databases, algorithms, computer vision basics, voice-command interfaces, Git, version control, Linux

PROJECTS

Jarvis AI Assistant

- Built a voice-controlled AI assistant that integrates with external APIs to interpret spoken commands and interact directly with the computer (opening applications, running tasks, retrieving information).
- Combined voice recognition, API calls, and system-level control into a single working pipeline.

Facial Recognition System

- Developed a facial recognition program in Python that captured live camera input and accurately identified and matched faces against stored data.
- Applied core computer vision techniques to handle real-time detection and identification.

Website for Paula's Hair & Beauty Salon

- Designed and built a business website using JavaScript, integrating Formspree to power an online booking form.
- Site was used by 50+ potential customers, directly supporting the salon's customer acquisition and booking process.

WORK EXPERIENCE

Website Manager (Voluntary)

Paula's Hair & Beauty Salon

- Managed and maintained the salon's website on a voluntary basis to gain professional web development experience.
- Handled ongoing updates and ensured the booking system ran smoothly for customers.

Customer Assistant

Vue Cinemas

- Delivered customer service in a fast-paced environment, developing communication, teamwork, and problem-solving skills.
- Worked reliably as part of a team to maintain high service standards during busy periods.

Volunteer

British Heart Foundation

- Provided friendly, attentive support to customers, helping create a positive in-store experience.
- Contributed to improved sales performance through proactive customer engagement and support.