

Jaylen Dias

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Professional Profile

Computer Science graduate combining technical analytical skills with genuine passion for transport planning. Experience in network optimization, system design, and data analysis through academic projects. Seeking to apply problem-solving abilities and systems thinking to sustainable transport solutions and urban mobility challenges.

Education

Oxford Brookes University, Oxford | BSc Computer Science for Cyber Security
September 2023 – June 2026 (Expected)

- COMP6039: Enterprise Networking & Infrastructure Design – Designed multi-site corporate networks with VLSM subnetting, OSPF routing protocols, and redundancy planning, demonstrating systematic approach to complex network optimization
- COMP6014: Software Development & System Security – Developed secure web applications with authentication systems, session management, and vulnerability assessment
- COMP6016: Low-Level Systems & Assembly Programming – Built efficient systems with resource constraints and performance optimization

City of Westminster College, Paddington, London | BTEC Level 3 Extended Diploma, Information Technology
September 2021 – June 2023

- Level 3 – DMM (ABB equivalent)
- Developed business database solutions using SQL Server Management Studio.
- Applied ITIL framework principles to IT Service Delivery processes.
- Performed dynamic malware analysis in sandboxed environments

Harlington School, Harlington | GCSEs **September 2016 – June 2021**

- 10 GCSEs, grades 9-4 including English and Maths.

Professional Experience

Greggs **Various locations across Central London & Oxfordshire**
Shift Manager **01/2022 - Present**

Previous role: Shop Manager (promoted and later transitioned back to Shift Manager due to University time constraints)

- Manage daily operations for high-volume retail location, coordinating staff schedules and ensuring service delivery during peak periods including early morning shifts
- Resolve customer issues and operational challenges in fast-paced environment, balancing efficiency with service quality
- Train and supervise team members, ensuring compliance with food safety and operational standards

Projects & Technical Experience

Network Infrastructure Design Project

COMP6039 Coursework

- Designed enterprise-scale network architecture for multi-site organization with 200+ users across three locations
- Optimized IP addressing schemes using VLSM for efficient address allocation and scalability
- Implemented OSPF routing protocol for dynamic traffic management and network resilience
- Analyzed capacity requirements, redundancy, and failover scenarios similar to transport network planning considerations

Secure Blog Platform Development

COMP6014 Coursework

- Built full-stack web application using C++ CGI with MariaDB backend, implementing user authentication and session management
- Conducted comprehensive security audit identifying and remediating vulnerabilities including SQL injection and XSS attacks
- Developed two-factor authentication system, demonstrating attention to security and user experience

Skills & Interests

- **Technical:** C++, Python, SQL, Network Design, Data Analysis, System Architecture
- **Professional:** Project Management, Stakeholder Communication, Problem-solving, Time Management
- **Personal Interest:** Active interest in transport planning and urban mobility, particularly sustainable infrastructure and public transport network optimization. Familiar with London's transport system and ongoing planning challenges.

Leadership & Community Engagement

Oxford Brookes University Debating Society

Publicity Secretary

2025/26

- Ran campaign for executive committee position in organization with 300+ active members
- Developed communication strategies across multiple platforms to engage diverse stakeholder groups
- Demonstrated stakeholder engagement and community coordination skills applicable to public consultation processes

Additional Information

- Eligible for UK Security Clearance (Portuguese national with EU Settlement Scheme status)
- Available to start: Summer 2026

References available on request.