

Daniel Adelugba

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Personal Statement

Second-year BSc Computer Science student with strong results and proven leadership in agile team projects. Experience in Python, Excel, SQL, and Java, with a demonstrated ability to learn quickly, as shown in a recent hackathon project. Hands-on software engineering principles in a team environment, leading first-year group project to achieve the highest grade in the cohort.

Education and Qualifications

BSc Computer Science with Year in Industry, University of Nottingham **Sept 2024 – June 2028**

- Expected: **First-class Honours** | Year 1 avg. 70%
- Key modules: **Software Engineering** (79%), **Operating System & Concurrency** (in progress).

Huxlow Academy, Northampton

Sept 2017 – July 2024

- A-Levels: IT (A*), Maths (A), EPQ (A), Business (B)
- GCSEs: 10 GCSEs (9 – 4) including Mathematics (7), English (6)

Technical Skills

Languages: C, Objective C++/C++, Python, Java, SQL, Haskell, ARM Assembly, HDL

Web Development: HTML, CSS, JavaScript

Tools and Platforms: Excel, Git, JUnit testing, Xcode, VS Code, IntelliJ, Eclipse, and SQLite

Practices: Agile, Test-Driven Development, Object-oriented Design, MVC pattern

Relevant Experience / Select Projects

Medieval Tower Defence Game - Hackathon project

Oct 2025 – Present

- Delivered a playable prototype in 24 hours
- Designed UI menus, animations, and XP-based progression
- Integrated data persistence and online leaderboard API.

[View project in Devpost](#)

Multi-threaded Process Simulator project / 2nd Year

Sept 2025 – Present

- Currently developing a multi-threaded process simulator in C on Linux using the POSIX API
- Implemented process creation, execution termination using a process table and linked-list queues
- Applied concurrency control using mutexes and semaphores to ensure thread safety

Software Engineering Group project / 1st Year

Jan 2025 – June 2025

- Led a 4-person Agile team achieving 90% (**highest in cohort**).
- Used Git branching, merge requests, and TDD to reach 93% test coverage.
- Co-authored documentation and designed 19 team coding conventions.

Virtual Work experience, Kainos

June 2023

- Collaborated in a 5-person team to design and deploy a responsive website within 2 days
- Practised Agile workflows, HTML/CSS/JS implementation, and rapid iteration

Achievements

- Academic Achievement Award – recognition for top performance
- Headteacher Award for Outstanding Academic Performance
- Top of class at A-Levels (2024)
- Senior debut for Harborough Town Football Club at 16

Professional Experience

Trading assistant, Sainsbury's

July 2025 – Sept 2025

- Developed prioritisation and communication skills transferable to Agile teamwork
- Delivered consistent customer service under a high-pressure environment.

Supervisor, Flip Out UK

March 2023 – Jan 2024

- Supervised 4-6 staff per shift, allocated tasks, and maintained safety standards.
- Conducted on-shift training, improving communication and leadership confidence

Positions of Responsibility

Team Leader, COMP2002 – Software Engineering Group Project / 2nd Year

Sept 2025 - Present

- Leading a team of 8 and coordinating project management.
- Setting up, maintaining, and refining the backlog of user stories in conjunction with the product owner.
- Preparing, guiding, and time-managing sprint planning meetings and retrospectives.

Team Captain, University of Nottingham Tennis Team

Sept 2025 – Present

- Galvanised teammates and coaches to help teams excel with UoN Tennis KPIs and enhance performance.
- Organised logistics and match coordination for the UoN Tennis Team, fostering collaboration and team performance.

Interests

Hackathons • Tennis • Football • Softball • Exploring French/Italian culture and linguistics through app-based learning