

Connor Adams

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Profile

Computer Science undergraduate at the University of Lincoln graduating in September with a First Class Honours, with hands on experience building published mobile applications, full-stack projects, and performance focused tools. Combining a strong foundation in systems architecture with active experience in React Native and a passion for continuous iOS app development. Eager to apply analytical skills to real world performance engineering and full stack challenges, bringing both technical depth and commercial awareness to the deployment lifecycle.

Education

BSc Computer Science – University of Lincoln First Class Honours

- Relevant Modules: Cloud and Web Services, Scalable Database Systems, Team Software Engineering, Cyber Security, Mobile Application Development, Machine Learning, Algorithms and Complexity, and Parallel Programming.

A-Levels – 4 Subjects consisting of Computer Science, Economics, Finance and Core Mathematics.

GCSEs – 7 subjects include Maths, English and Double Science

Technical Skills

Languages:	Python, Java, C#, C++, JavaScript, TypeScript, Luau, SQL
Frameworks & Libraries:	React Native, Expo, HTML/CSS, REST APIs, OpenGL
Tools & Platforms:	Linux, Git, VS Code, IOS App Store Deployment, Command line debugging, Profiling

Projects

TidyLens (Published IOS Application) – Developed and successfully deployed a commercial application to the Apple App Store, navigating the end to end iOS submission, review, and deployment process. Continuously designing, building, and experimenting with new iOS applications to expand ecosystem expertise and deliver user-centric mobile products.

RecycleRight (Dissertation Project) – Engineered a full-stack mobile application using React Native and Expo to serve as a comprehensive sustainability tracker. Integrated device

hardware features and third-party APIs to automate recycling recognition, creating a robust and performant tool.

Parallel Forest Fire Simulation – Built a parallel automaton in C++ and OpenCL to model fire propagation across scalable grids. Programmed custom kernels for unified CPU/GPU execution, implemented double buffering to eliminate race conditions, and profiled metrics for grids up to 1200x1200.

Predictive Analytics & Ensemble Pipeline – Built a machine learning pipeline in Python to analyse dual datasets, optimising three scikit learn classifiers. Prevented data leakage using stratified splits and implemented a stacking classifier ensemble to maximise generalisation accuracy.

Experience

Kitchen Assistant - Rosso Lounge (*July 2024 – June 2026*)

- Worked efficiently under time pressure in a fast-paced environment, coordinating with team members to meet service targets.
- Identified workflow bottlenecks and suggested process improvements adopted by the team.

Bakery Assistant - Sainsbury's (*September 2021 – June 2023*)

- Balanced multiple responsibilities, from stock management to customer service, while maintaining quality standards.
- Trained new team members on procedures and equipment.