

James Keywood



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🎓 Expected graduation: 2027

Education

Undergraduate

Sep 2023 - Present
Expected first-class

University of Manchester | Oxford Rd, Manchester M13 9PL

BSc Computer Science with Industrial Experience, actively participate in societies
Achieved first-class grades of **79%** in the first year, and **76%** in the second year

Study **programming & paradigms, algorithms & data structures**; committed to pursue further expertise
These modules offer hands-on experience with **Python, Java, C, Rust** and **software engineering** fundamentals

A-levels, GCSEs

Sep 2016 - Jun 2023
Academic scholar

Kingston Grammar School | 70 London Rd, Kingston upon Thames KT2 6PY

Mathematics, Further Mathematics, Computer Science, Physics **A*A*A*A***
EPQ exploring the Generative Adversarial Network **A**, GCSEs **99999999A**

Experience

Software engineer

Jun 2025 - Jun 2026
Industrial placement

nomura.com | *Java, Python, Dremio, Oracle, SQL, MinIO*

Maintained a trade valuation data warehouse supporting firm-wide risk analytics
Planned then executed major platform upgrades and core architectural migrations

Court services

Jun 2024 - Jul 2024
Full time

wimbledon.com | *Teamwork, Time management*

Dressed and covered grass tennis courts in a team of 6, ready for play
Aided players, staff and spectators for up to 12 hours a day for 2 weeks

Repair technician

May 2022 - Nov 2022
Part time

theitstore.com | *RepairDesk, Product repair, Sales*

Apple product repairs, customer service, retail sales and advertising
This required knowledge surrounding Apple's product line and new releases

Software engineer

Jun 2021 - Jul 2021
Internship

goldclipper.co.uk | *Oracle APEX, Oracle Database, PL/SQL*

Use of Oracle Application Express software to develop an internal use application
The application tracked 6 employee time sheets and calculated required payslips

Projects

Tig

Nov 2024
Hackathon

greatunihack.com | *Go, Gin, HTML, CSS, JavaScript*

Git companion tool for developers to track and visualize files alongside commits
Built the CLI with Go and a custom algorithm to view Git repositories in 24 hours

Starmapper

May 2024
Hackathon

mcrstudenthack.com | *Python, TensorFlow, Flask, HTML, CSS, JavaScript*

Web app to identify stars and clusters from an uploaded image, in a team of 3
Created a machine learning algorithm with Python to classify 16 constellations

lightr

Sep 2023 - Jun 2024
Coursework

Team project | *Python, SQLite3, Flask, HTML, CSS, JavaScript*

Workout tracking web application developed in an assigned team of 7
Log gym exercises, track food intake, customise profile and view progress graphs

Ninja Fruit

Jul 2023
Game jam

itch.io/jam/gmtk-2023 | *Unity, C#*

Game created within 48 hours, leading a team of 2 others as the sole programmer
Players throw fruit at enemies to survive and progress through 3 challenging levels

Gardening Game

May 2022 - Jun 2023
Coursework

A-level computer science | *Unity, C#*

A game built within a professional project life cycle, and a 258 page write up
Players collect seeds and water, then grow plants to earn coins and advance