

Kieron Rana

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Personal Profile

I am a highly motivated and detail-oriented BSc Computer Science graduate with a strong foundation in software engineering, programming, and problem solving. I am experienced in using the .NET framework and Agile methodologies, as well as a variety of programming languages - C#, C++, Java and Python - to build innovative software solutions. My hands-on experience in game development, tutoring, and collaborative projects demonstrates my ability to work effectively both independently and in a team. I am eager to contribute to Amazon's mission of delivering cutting-edge technology solutions.

Technical Skills

- Programming languages: C#, C++, Java, Python
- Tools: Git, .NET, Unity, Blender

Education

September 2021 – June 2024

University of Birmingham

2:1 BSc (Hons) Computer Science

Relevant modules:

- Object Oriented Programming
- Data Structures and Algorithms
- Software Engineering Team Project
- Intelligent Data Analysis

Created an AI and Computer Vision system to provide feedback to users learning to perform physical poses and movements for my final year project.

September 2019 – June 2021

Downend and Mangotsfield Sixth Form – 4 A Levels:

A* Computer Science
A* Maths
A Physics
C Further Maths

September 2014 – June 2019

Downend School – 9 GCSEs:

Grade 9 in Maths, Physics and Computer Science
Grade 8 in Biology and English Language
Grade 7 in History, Chemistry, French and English Literature

Work Experience

November 2024 - ongoing	Notebook Tutors Providing weekly Maths tuition to GCSE students, demonstrating effective communication and patience while simplifying complex concepts for students
September 2024 - ongoing	Iquation Tutoring Providing weekly Computer Science and Maths tuition to GCSE and A-Level students, helping them achieve their academic goals.
September 2024	BP, Budapest Spent time shadowing the Principal Service Engineer in the Technology Team, observing best practices in software development and collaborative problem solving.
September 2023 - ongoing	Freelance Tutor Providing weekly Computer Science and Maths tuition to two secondary school students.
August 2021	Renishaw plc, Wotton-under-Edge, Glos. One-week Software Work Experience programme at this global engineering firm, then completing a coding challenge and presenting my solution to the other participants.

Other Interests

I am passionate about gaming and game development. I have already created one game, "Bloodflow", using Unity, and published it on Steam with Steamworks API integration. I am currently completing a second game as a way to gain experience in developing competitive online games.

Whilst at university I was a member of the Computer Science and Nerd societies, participating in hackathons and meetups about various technology topics.

I have been a voluntary moderator for an online video gaming community since September 2023, developing conflict resolution and leadership skills while managing community interactions.

I have been a drummer for twelve years, achieving Rockschoool Drumming Grades 1-5, all with merit, and was in a rock band for five years, performing at several Bristol venues, developing strong organisational, interpersonal and teamwork skills.

I have been practising Taekwon-Do for twelve years, passing eleven gradings and being named Student of the Year for guiding and supporting junior members of the club.

I have a clean current driving licence and am available to start immediately.

References available on request.