

Ziyan Zhao

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📍 Bristol, UK

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📅 06/11/2002



Education

09/2024 – 09/2025 Bristol	MSc Computer Science <i>University of Bristol</i> <ul style="list-style-type: none">Object-Oriented Programming in Java, Software Tools, Computer Architecture, Software Engineering.
09/2021 – 06/2024 London	BA English <i>University College London</i> Second Class Honours (Upper Division) <ul style="list-style-type: none">Commendation for Academic Excellence.Student representative, advocating for enhanced student engagement.
09/2019 – 07/2021 Brentwood	A Levels <i>Brentwood School</i> <ul style="list-style-type: none">Mathematics A*, Further Mathematics A*, English Literature A*, Economics A*EPQ A*: Film-making, scriptwriting.

Professional Experience and Projects

06/2025 – 09/2025 Bristol	Summer Project Intern <i>IBM</i> <ul style="list-style-type: none">Built Paris-themed VR learning scenes in Unity (C#, URP, XRI, OpenXR); implemented grabbable interactions, NavMesh NPCs, subtitles/captions, and performance-safe materials.Integrated IBM Cloud services via REST APIs (JSON): Watsonx Assistant, STT, TTS with IAM token auth, timeouts/retries, and audio fallbacks; reduced dialogue failures during demos.Worked in Agile sprints using Confluence/Trello; collaborated through Git/Azure DevOps repo split for code vs large assets, cutting merge conflicts.
07/2023 – 08/2023 London	Business Development Intern <i>Vulcan Intelligence</i> <ul style="list-style-type: none">Leveraged data analytics to drive strategic decision-making, identifying patterns and insights that informed business growth.Strengthen brand visibility on platforms such as LinkedIn and Discord.
01/2025 – 04/2025 Bristol	Scrum Master and Software Engineer <i>Smoothie Operator Game</i> Delivered a two-player slicing game in JavaScript ; coordinated Agile sprints and code reviews; implemented scoring and input logic; awarded Distinction . Link: GitHub - UoB-COMSM0166/2025-group-20: 2025 COMSM0166 group 20 ↗
08/2022 – 10/2022 London	Student Writer <i>Self-employed/Student-run (Accredited by British Film Festival as Press)</i> <ul style="list-style-type: none">Astute analysis and research in films, media and literature; write clear and accurate pieces.Advertised events in the season.

Skills

Technical Skills

Programming:

Python, Java, JavaScript, C, SQL

Tools and Practices:

Git, GitHub/Azure DevOps, Agile/Scrum

Game Design: Unity, C#, XR Interaction Toolkit (XRI)

Cloud/AI: IBM Cloud, Watsonx Assistant, watsonx.ai ↗,
Speech-to-Text (STT), Text-to-Speech (TTS)



Languages

- English: Native/Bilingual
- Chinese(Mandarin): Native/Bilingual
- Italian: Intermediate

