

Zachariah Lee

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SUMMARY

Fourth Year student studying Computer Science with High Performance Graphics and Games Engineering, predicted to graduate with First Class Honours BSc, MEng in 2025. Experienced in collaboration and project management through academic group projects and being part a university society committee member.

CONFERENCE PRESENTATIONS

2025 - British Conference of Undergraduate Research

“Alleviating Anaglyph Stereo Ghosting with Real Time Focus Plane and Individual Adjustments”

- Implemented an anaglyph 3D rendering engine which adjusted to user visual input in real time to minimize visual artifacts caused by parallax-based ghosting.

EDUCATION

University of Leeds

MEng, BSc Computer Science with High Performance Graphics and Games Engineering

2021-2025

Classification: Achieved a 1st in undergraduate part of course, currently studying in final year of integrated masters

Relevant Coursework:

- Created a Vulkan Renderer with multiple debug visualizations with MacOS support through MoltenVk
- Created a Raytracing Renderer with reflections, refractions, Fresnel effect and Monte-Carlo sampling for ambient light

Brighton Hove and Sussex Sixth Form Center

2019-2021

A-levels in Mathematics (A*), Computer Science (A) and Chemistry (A), AS-levels in Further Mathematics (A) and Extended Project (A)

Hove Park Secondary School

2016-2019

11 GCSEs including English (7) and Mathematics (9)

WORK EXPERIENCE

China Brasserie

Haywards Heath, West Sussex

Supervisor

2018 - 2021

- Provided telephone support and in person customer service for customer orders
- Managed, recorded and maintained stock levels every day to ensure consistency
- Coordinated delivery orders to ensure smooth and problem free delivery
- Liased with sister company The Castle Inn in Hickstead on large scale hosting for events such as parties

LEADERSHIP EXPERIENCE

Leeds University Union Anime and Manga Society

Committee Member

2023-2025

- Organised and lead one of the largest university general interest societies in the UK with over 200 student members
- Coordinated and ran large scale events such as trips for over 100 attendees
- Managed advertisement and marketing to students in person and through social media
- Administered and managed a library for over 200 student members
- Collaborated and formed contracts with local businesses for events and member benefits

SKILLS AND INTERESTS

- Member of the Game Makers of Yorkshire (GaMaYo), a networking group for people in the games industry across Yorkshire
- Engaged in game jams through the Ludum Dare event which can be found here: <https://ldjam.com/users/blo/games>