

# Zhen Yao Heng



Linkedin



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Glasgow, United Kingdom

## Technical Skills

- Java
- JavaScript
- Python
- C & C++
- HTML & CSS
- GitHub & GitLab
- Django

## Education

Sep 2023 - June 2026  
**Computing Science Bcs**  
University of Glasgow

Sep 2022 - June 2023  
**Science and Engineering Foundation**  
Glasgow International College

Jan 2017 - March 2022  
**Malaysian Certificate of Education**  
Jit Sin High School

## Languages

- English
- Chinese
- Malay

## Projects \*Clickable links

- insQuire
- Plane Panic

# Software Engineer

Computing Science student at the University of Glasgow with a deep interest in technology, with proven leadership experience through previous people management roles. Passionate about software development and eager to learn, as evident in previous and ongoing development projects.

## Experience

### Software Developer

**September 2024 - Current**

Off-Axis Gigs | Glasgow, United Kingdom

- Contributing as part of a 5-member development team to create a comprehensive ticketing system website similar to Ticketmaster. I have implemented the login, registration and email password reset system with a visually appealing login and registration page to enhance user experiences. Collaborated alongside team members who have successfully implemented Stripe payment processing, admin interface customization and frontend design enhancements, with more features planned in the future. Implemented technologies including HTML, CSS, Django, JavaScript and Stripe.

### Senior Waiter

**February 2024 - January 2025**

Silla Korean Restaurant | Glasgow, United Kingdom

- Led and supervised a team of staff during high-volume service periods, ensuring a seamless dining experience for customers and satisfactory customer service. Maintained accurate cash handling procedures and performed daily till reconciliation to ensure balanced accounts.

### Chairman of Prom Night Organizing Committee

**March 2021 - March 2022**

Jit Sin High School | Penang, Malaysia

- Led the planning and execution of a formal event with over 120 attendees with a team of 20 committee members. Maintained clear communication channels and delegated responsibilities effectively. Utilized problem-solving skills to address challenges regarding venue logistics and budget constraints, resulting in a smoothly executed event.

### Camera and Drone Operator

**April 2021 - March 2022**

Jit Sin High School | Penang, Malaysia

- Contributed as a camera and drone operator for a medium scale graduation music video, demonstrating fast adaptability in a fast-paced production environment. Successfully coordinated over 100 participants while navigating constantly evolving COVID-19 safety protocols. Actively helped with production management and venue scouting, successfully launched "2021 Jit Sin High School Graduation Song - Sunrise M/V" on YouTube.

## Competitions

### Glasgow University Annual Hackathon

**12 October 2024 - 13 October 2024**

Glasgow University | Glasgow, United Kingdom

- Contributed as part of a team of 5 in the Annual Hackathon, where we developed "Plane Panic", a 3D web game showcasing global cause-and-effect relationships. Contributed to creating an interactive experience which visualizes how worldwide events impact people's happiness levels. Utilized Three.js for web-based 3D rendering.

### Code Olympics

**27 January 2024**

Glasgow University | Glasgow, United Kingdom

- Went through as many algorithm challenges individually as possible in the span of 24 hours.

### Glasgow University Annual Hackathon

**27 October 2023 - 29 October 2023**

Glasgow University | Glasgow, United Kingdom

- Contributed as a team of 3 in the Annual Hackathon, where we developed text-to-music synthesizer application. Contributed to creating a unique system that can generate musical compositions based on a text-input. Unfortunately, the project was not preserved on GitHub, however, the experience provided valuable insight into rapid prototyping.