

# Zhongyu SUN

## FULL STACK SOFTWARE DEVELOPER

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### PROFILE

Highly motivated full-stack software developer. Proficient in React, Node.js, MySQL, and backend programming languages such as Python and Java. Dedicated to continuously expanding knowledge and staying up-to-date with industry trends. Seeking a junior-level position to contribute to a dynamic team and further develop skills in software development.

### PROJECT EXPERIENCE

#### A course management platform

- Designing a web-based virtual learning environment and learning management system that allow educator to upload learning content and students/learner to view and download content.
- Responsible for configuring virtual machines on Google Cloud Platform and utilizing the CodeIgniter framework to build sites, implementing the MVC concept to connect front-end to back-end database for seamless user search, save, and download functionalities.
- Possessed a solid understanding of modern web architecture, successfully adapting concepts to up-to-date frameworks like React and Node.js.

#### Python-based game - EndOfDayZ

- This is a graphic-based zombie survival game. I mainly focused on constructing classes from conceptual proposal of the game. Implementing the core game environment in which the player can move around the map and reach the hospital. Upon reaching the hospital without being caught by a zombie, then the player wins the game.
- During the developing process, I gained a better understanding of python programming specifications and am proficient in the use of classes and inheritance, and file reading and writing modules.
- Finally the game was successfully developed with most functionalities realized.

### REFERENCES

Available upon request.

### EDUCATION

Master of Information Technology  
University of Queensland(UQ)  
December 2022  
With Distinction (GPA: 6.5/7.0)

Bachelor of Mechanical  
Engineering  
Jiangsu University, China  
June 2020

### KEY SKILLS

- HTML, CSS, JAVASCRIPT
- NODE.JS, REACT.
- MYSQL, MONGODB
- GOOGLE CLOUD PLATFORM
- AMAZON WEB SERVICE
- GIT
- DOCKER
- PYTHON, JAVA

### AWARDS

- DEAN'S COMMENDATION FOR ACADEMIC EXCELLENCE IN SEMESTER 2, 2022 AND SEMESTER 1, 2021, UQ.