



Zhongyang Zheng

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Bachelor of Software Engineering
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EDUCATION

- **Shanghai Shibei Senior High School** 2015 - 2017
High School Student
- **IES College** 2017 - 2018
Foundation Year Student
- **The University of Queensland** Expected June 2024
Bachelor of Software Engineering CGPA: 3.76

EXPERIENCE

- **The University of Queensland** Brisbane
Back-end developer, Chassis designer 2018
 - Developing a smart vehicle in a team. Developing a chassis that can make it keep balance while driving. Running an Arduino board. If it detected an obstacle in front of itself, it would drop a flag at the rear.
- **The University of Queensland** Brisbane
Volunteer 2020
 - Guiding tour of the campus for new students.

PROJECTS

- **Pacman** 2019
Developing a game called Pacman in a team.
 - Tools & technologies used: AVR ATmega324A microcontroller, Sensors, LED
 - Role: Back-end developer
The AVR ATmega324A microcontroller ran the program and received input from several sources and displayed output to a serial terminal. Implementing functions such as splashing screen, movement of pacman and eating pac-dots.
- **Fmart** 2021
Developing an online shopping app in a team. The app is helpful for stagnant fruits.
 - Tools & technologies used: Adobe XD, React Native
 - Role: UI designer, conducting user test and speech
Working closely with front-end developer periodically to assure that design goals can be achieved. Designing interfaces that value visibility, freedom, consistency, recognition and flexibility.
- **Smart pillow** 2022
Developing a smart pillow in a team. The product is helpful for maintaining long distance relationship.
 - Tools & technologies used: Arduino, Sensors, LED, pillow
 - Role: Project manager, conducting user test and speech
Developing a rigorous project schedule. Gathering many meaningful results from the questionnaires and interviews. Designing a portion of the PowerPoint explaining the group's goals, design process, and future plans.

TECHNICAL SKILLS AND INTERESTS

Languages: Mandarin, English, Japanese
Developer Tools: Python, C, C++, JS
Frameworks: Design Framework: Design For Location Dependence
Cloud/Databases: <https://github.com/SeraphimPiao/deco3500-groudhug.wiki.git>
Soft Skills: Programming, UI design
Areas of Interest: Front-end developer, UI designer

ACHIEVEMENTS

- **Xinzhai Cup Third Prize Junior High School Math Competition** 2014