

# Jinjie He

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GitHub: [github.com/theKason?tab=repositories](https://github.com/theKason?tab=repositories)

Personal Web: <http://www.thekason.com/>

## PROFESSIONAL OBJECTIVE

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**Motivated backend developer passionate about building user-centric web applications that drive business growth. Seeking an in-person/remote internship to deepen my expertise in web development, UX/SEO and automated testing, and to contribute to impactful digital solutions.**

## EDUCATION BACKGROUND

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### Master of Computer Science

02/2024-present

*University of Wollongong Australia*

- Major: Software Engineering
- Faculty of Engineering and Information Sciences
- Relevant Subjects: Programming and Data Structure, Web Development, Service-oriented Software Programming, Web Server Programming, Data Management System, Software Testing and Analysis

## TECHNICAL SKILLS

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- Programming Languages: HTML, JavaScript, Python, PHP, SQL
- Framework/Libraries: Django, FastAPI, Flask, Express.js
- Operating Systems: MacOS, Linux
- Tools: Hexo, WordPress, Bubble, MySQL, SQLite, Redis, Docker, Git, Nginx, Chrome Lighthouse, OpenAI API

## REVELANT COURSEWORKS

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**Manage Your Health Inc:** Analyze a business issue and develop a potential solution and project plan

- Technologies used: Project Libre, RACI chart, UML Diagram
- Key Responsibilities: Draw up the project selection draft, define project requirements & lesson learnt report

**Design and Develop a Tourism Ecosystem:** Design & develop project using service-oriented software engineering

- Technologies used: BPMN, ProcessSEER, ArchiMate, SoaML, FastAPI, SQLite
- Key Responsibilities: Design RESTful API, operation logic and configure backend code for the 'Ticket Reservation' service of system, using SQLite for database service

## ADDITIONALS

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**Menu-system:** <https://github.com/theKason/menu-system>

This is the backend service for the Menu-System project, which supports online menu browsing, order creation, and historical order access for users.

- Technologies used: Taro(React.js), Django(Python), PyMySQL(Python MySQL client library)
- Key Responsibilities: Specify and determine the communication protocol between the frontend system and the backend system, construct the backend system and ensure its successful operation with incorporated database

## EXTRACURRICULAR ACTIVITIES

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### Indigenous Nationals Volunteer

*2024 Indigenous Nationals*

26/07/2024

- Assisted teams and ensured the event area was clean and organized
- Gained teamwork and organizational skills in a fast-paced environment