

GARY JEFFERSON ANG

📞 (+61) 415640405 ✉ garyang2002@gmail.com 🔗 [linkedin.com/in/gary-ang/](https://www.linkedin.com/in/gary-ang/) 🐙 github.com/diabolica 📦 garyang.netlify.app/

Education

University of New South Wales (UNSW)

Bachelor of Science in Computer Science

Feb 2021 – Current

Sydney, NSW

WAM: 75.273

Work Experience

DataAnnotation

Mar 2024 – Current

AI Trainer (Programming Subjects)

Remote

- Performed **AI training** on various programming and computer science related subjects such as **Algorithms**, **Object Oriented Programming**, etc.
- Evaluated and debugged code responses provided by AI models focusing on **Python** and **Java** along with the **Django** framework

Projects

WMS Quenify | Web app | Source Code

ReactTS | Django Rest Framework | API

- * Engineered a comprehensive **Waiting Management System** web application for restaurants using **Python** and **Django Rest Framework**
- * Leveraged **Django Rest Framework's** unit test environment to enforce endpoint safety and software quality
- * Implemented real-time data manipulation within a **SQLite** database through **Django's Object Relational Mapping**, establishing a seamless integration with a user-friendly **ReactTS** interface
- * Performed third-party API integrations with **Stripe** to create a secure payment environment and constructed the database structure and endpoints logic in the backend
- * Organized the app's administrative email settings and leveraged **SMTP** to send **HTML** customized emails to users

RealLife | Mobile app | Source Code

React Native | Firebase | Figma

- * Leveraged **Figma** for prototyping and to design the User Interface for a sports-centric activity planner mobile application
- * Implemented the prototype design using **React Native**, ensuring rich user experience that promotes meaningful connections
- * Enabled secure user authentication and synchronous **NoSQL** database functionality via **Firebase**

Dungeon Crawler | Retro game | Source Code

Java | Object Oriented

- * Refactored the legacy backend and database structure for a retro dungeon crawler game coded in **Java**
- * Utilized various Object Oriented Design Patterns to refactor and extend the logical structure in the legacy code
- * Used **Java** Design Patterns to implement new and missing features for the game's next patch update

Treats | Messenger platform | Source Code

Typescript | NodeJS | API

- * Developed an intuitive **Typescript** backend infrastructure for a Social messenger web platform
- * Designed a Token user authentication system from scratch and fortified the token database implementation with salting techniques
- * Designed unit tests and leveraged **Jest** and its coverage system to detect system bugs and enforce software quality

Technical Skills

Languages: Python, Java, SQL, HTML, CSS, JavaScript, C

Developer Tools: Postman, Git, Figma

Libraries/Frameworks: AWS RDS, PostgreSQL, Django, React Native, Typescript