

YU MA (Freya)

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Education

Northeastern University

Master of Science in Computer Science (GPA 4.0)

Portland, United State

2023.01-2025.05

Macquarie University

Master of International Business

Sydney, Australia

2017.02-2019.10

University of Technology Sydney

Bachelor of Business (Major in Marketing & International Business)

Sydney, Australia

2014.03-2017.01

Skills

- **Programming Languages:** Python, Java, JavaScript, C, C++, HTML/CSS, SQL
- **Developer Tools:** Git, UML, Linux, MongoDB, Node.js, Hibernate
- **Technological Framework:** SpringBoot, Bootstrap, React, Express, jQuery

Work Experience



TEAM LEWIS

Senior Account Executive

Beijing, China

2022.04-2022.12

- Facilitated discussions with clients and internal tech teams to ensure all specifications were met, such as company CN Website, WeChat account, helping clients to establish a strong online presence in China.
- Delivered end-to-end solutions that met clients' satisfaction, showcasing my abilities to manage complex projects and exceed expectations.
- Specialized in serving clients in the Internet of Things (IoT) and data security sectors, utilizing technical knowledge to better understand and cater to the unique needs of these industries.



LinkedIn China

Web Developer / Marketing Specialist | JavaScript, HTML, CSS, jQuery, SQL

Beijing, China

LTS 2020.09- 2022.03

- Led website maintenance by using **JavaScript**, **HTML**, **CSS**, and **jQuery**.
- Utilized **HTML**, **CSS**, and email templates to develop and deploy customized emails for members in the **database**.
- Proficiently worked with **Oracle** and **Salesforce** platforms for data handling and email dispatch. Demonstrated my skills in **SQL** database management and **CRM** tools.
- Improved Sales' ROI by 150% through B2B marketing online and offline events throughout a year.
- Gained recognition from liner manager, sales lead, and APAC marketing lead.

Projects

To Do Management APP | Spring Boot, Spring Security, Hibernate, SQL, Bootstrap, Maven, JPA

2023.06-Present

- Developed a robust **backend** To-Do Management Web Application using **Spring Boot** and integrated **Hibernate** for Object Relational Mapping (ORM), facilitating streamlined database interactions.
- Created a user-friendly **frontend** with **JSP** and **Bootstrap**, and designed an **SQL** database schema for storing user and task information.
- Integrated **Spring Security** for user authentication and authorization, ensuring secure access to personal to-do lists.
- Employed **Maven** for project building and dependency management, and configured logging to facilitate monitoring and debugging.

Virtual Self-Driving Car with AI | Python, OpenAI Gym, Q-Learning, Deep Learning

2023.05-Present

- Developed an **AI**-powered self-driving car simulation with **Python** showing how AI can be applied to real-world automotive solutions.
- Utilized **OpenAI Gym** as a testing environment to effectively train and optimize the AI model, enabling it to learn and adapt to different driving scenarios.
- Employed **Q-Learning**, **Deep Q-Learning**, and Deep Convolutional Q-Learning algorithms to facilitate the AI's decision-making process, and A3C (Asynchronous Advantage Actor-Critic) to further improve its performance.
- Designed the **AI** model to be capable of self-improvement, tuning its parameters and decision-making capabilities to adapt to a range.

Find your local Buddhist and Taoist Temple Website | JavaScript, CSS, React, HTML, MongoDB, Node.js, Express.js

2023.03-Present

- Created a **front-end** user interface with **JavaScript**, **CSS**, **React** and **HTML**, allowing users to access info and interact with the platform.
- Designed and managed a **MongoDB** database to store and manipulate comprehensive data about U.S. Buddhism and Taoism temples, this included information such as location, Temple background information and religious activities.
- Utilized **Node.js** and **Express.js** as the main technology stack for the **back-end**, handling server-side logic and establishing routes and APIs for data transmission between the front-end and database.
- Incorporated user authentication and authorization for temples to post updates and recruitment opportunities, utilizing tools such as bcrypt for password hashing and secure handling of user data.