WU ENJIA

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PROFILE

Innovative student with a passion for solving problems and a curiosity for discovery. Motivated and driven, I am committed to honing my skills and expanding my knowledge within the dynamic field of Information Technology. Besides academics, I find solace and strength in the discipline of Muay Thai, embodying perseverance and focus both in and out of the classroom. With a keen interest in technology and a well-rounded lifestyle, I aspire to contribute positively to the ever-evolving environment.

EDUCATION

Ngee Ann Polytechnic   **Apr 2023 - Present**

Diploma in Information Technology (Software Engineering)   cGPA: 4.00
Minor in Korean Language

Head of Technology, Girls-in-Tech

Led and coordinated tech workshops and competitions, overseeing a subcommittee to ensure smooth execution

Technology Department, Girls-in-Tech Cross Polytechnic

Managed website for event updates and information, supporting multi-polytechnic member engagement

Secretary, Photography & Videography Special Interest Group

Coordinated event communications, managed scheduling, and sparked personal interest in photography

SUSS Visualizations and Analytics Hackathon (Silver Award)

Created data visualizations in Tableau to analyze HDB resale trends, focusing on factors affecting price and market trends

Girls-in-Tech C# Coding Challenge (Champion)
Excelled in C# programming questions, demonstrating understanding of key concepts like classes and algorithms

Participated in YouthxHack 2024, CodeEXP 2024, IdeateCOMM 2024
Developed solutions in hackathons using Figma and React.js, enhancing skills in collaborative problem-solving

Clementi Town Sec School   **2019-2022**

Secondary Education   L1R5: 9 | L1R4: 7 (Net)

Esports Team Captain, Call of Duty Mobile & Campus Legends

Represented the school in national competitions, building on a shared interest in gaming with teammates to develop teamwork and strategic skills

Singapore National Olympiad in Informatics

Selected as 1 of the 8 school representatives, gained foundational experience in C++ programming and competitive problem-solving

Admin IC, Outdoor Adventure Club

Helped lead and execute training sessions and events, managing logistics for outdoor activities

Student Leader (National Education Ambassador)

Coordinated school events like World Water Day and Total Defence Day

EXPERIENCE

Centre for Environmental Sustainability   **Aug 2024 - Oct 2024**

Product Tester & Programmer - Internship (Part Time)
- Developed a fully functional MVC framework using ASP.NET Core and Raspberry Pi for a water cooling system, including real-time data logging and robust performance monitoring
- Integrated Modbus communication between the cooling system and Raspberry Pi for seamless data exchange

SKILLS

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

Framework & Tools
React.js, Node.js, Express.js, Microsoft SQL, MySQL

Others
Android Studio, Git, GitHub, Power BI, Microsoft Office (Word, Excel, PowerPoint), Figma, Canva, Visual Paradigm, Jira

Soft Skills
Problem solving, Time management, Teamwork, Adaptability, Organizational Skills

AWARDS

- CSIT Diploma Scholarship Award (2024)
- Director's List (2023/2024)
- 3rd in Cohort (AY2023/2024 Sem 2)
- Top in Cohort (AY2023/2024 Sem 1)
- Top in Cohort for 11 Modules (2023/2024)

- Excellence in Service and Leadership - Gold (2023)
- CCA Excellence Award - Silver (2023)
- National Youth Achievement Award - Bronze (2021)

EXPERIENCE

Lakeside Family Services   **Jul 2024 - Present**
Volunteer Mentor
- Provided personalized instruction in Science, English, and Mathematics to help improve understanding of the subject material and develop academic skills
- Offered regular feedback and guidance, addressing challenges and working to enhance the student's learning experience

Little Farms   **Feb 2023 - Apr 2023**
Retail Assistant
- Provided friendly and helpful assistance to customers
- Maintained well-stocked shelves through efficient restocking procedures
- Gained valuable insights into the day-to-day operations of a supermarket

PROJECTS

LegitAnot?
React.js Web Application
- Developed a comprehensive digital safety solution that enhances online trust and security through a web application and Chrome extension
- Enables users to verify link legitimacy with instant analysis, user contributions, and proactive alerts for a safer browsing experience

Pocket Chef
Android Application
- Utilizes Spoonacular API for recipe browsing, advanced search, and ingredient management; includes user profiles, community interactions, and market locator
- Helps users make informed dietary choices and plan meals by offering a variety of recipes and nutritional data

ReThink
MVC Application
- Developed a RESTful API using Express.js for a web platform focused on community engagement and sustainability
- Implemented features including community forums, event management, donation portal, and a carbon footprint calculator

CERTIFICATIONS

Professional Scrum Master™ I   **May 2024**
Proficient in Scrum principles, including roles, events, and artifacts. Skilled in facilitating Scrum processes and supporting Agile teams for effective product delivery and continuous improvement

REFEREES

School of InfoComm Technology
Ngee Ann Polytechnic

DR. OON WEE CHONG
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LANGUAGES

English

Chinese