Aifert Zhu Yuen Yet

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EDUCATION

University of Western Australia
Bachelor of Engineering(Honours)
- Major in Software Engineering
- Weighted Average Mark (WAM): 74.00
- Grade Point Average (GPA): 5.8

Willetton Senior High School
Western Australian Certificate of Education (WACE)
- Academic Extension Program for Math, Science and Japanese
- Achieved an ATAR of 96.4

Competitions / Volunteers

2023 ComSSA Hackathon (Astro Renaissance)   **2023**
Leader
- Our team's prompt was Alien Documentation, where we focused on improving effectiveness of Alien research through improving existing system.
- Improvements include machine learning detection models, 3D Models and Behaviour Pattern integration through deep learning.
- Lead and collaborated with a team of 6.
- Developed a strong desire to learn when faced with unconventional challenges.

WORK EXPERIENCE

Asian Golden Wok (Perth, Western Australia)   **2022 - Present**
Waiter
- Coordinated with front staff and kitchen staff to ensure everyone on the team can be informed of any updates especially during peak hours
- Actively communicated with customers and suggested options that best fit their desires
- Practiced utmost sales related communication and patience only found outside of schools
- Developed a strong sense of responsibility while serving customers to ensure their complete satisfaction.

Non-Fungible Token Project Development (Head office in Venice, California)   **2021-2022**
Assistant Programmer and Cyber Security staff
- Coordinated technical requirements for projects with internal and external stakeholders.
- Incorporated programming languages such as Java as a backend developerfocusing on customers and investors experiences while interacting with our website.
- Participated in various testing before deploying the official contract ensuring no issues are encountered.
- Prepared detailed reports on potential exploitation and successfully reduced the project's chances of exploitation by 90%

Projects (Personal and University)

Dynamic Portfolio (JavaScript, Express, External APIs, ReactJS) (Personal)
1 Week
https://github.com/Aifert/Dynamic-PortFolio
Developer
- A dynamic portfolio that helped me practice frontend and backend development
- Plays music from the home page and the time in Perth
- Have the ability to view all the content from https://yuenstudio.com
- Dynamically navigate the website, expand, collapse.

Self Reflection (JavaScript, Express, External APIs) (Personal)   **1 Week**
https://github.com/Aifert/Blog-Post-Website
Developer
- Say somethings to yourself that you want yourself to be aware of
- Generate random cocktail, activity to do or quote of the day (up to 5 quotes per 5 minutes, however upon rate limit, edge cases are written to handle them)
- Ability to delete prompts that you have written

Amson's Nightmare (Python & Discord API) (Personal)   **2 Weeks**
https://github.com/Aifert/Amson-s-Nightmare
Developer, Editor
- My dear friend Amson was starting his National Service since he is a citizen of Singapore.
- To make fun of his 2 year long journey through the woods, I developed a discord bot that makes fun of him at certain prompts we give it. (With his consent)
- For example, sending "What is Amson doing soon?". The bot will upload a link that plays the classic song, "Ah Boys to Men", a movie that documents army men in Singapore.
- Also added some buttons that can make the bot generate a random integer, send a rick roll youtube video.

Amazon Web Scraper API (Javascript, NodeJS, Express) (Personal)   **2 Weeks**
https://github.com/Aifert/Build-An-API
Developer, Editor
- Returns product information with name or product ID
- Product information includes, average rating, availability status, shipping price, list price
- Formatted into JSON and parsed through chrome extension for better readability
- Also allow users to search items and find is_best_seller, is_limited_deal and much more

To do List (Javascript, React) (Personal)   **2 Weeks**
https://github.com/Aifert/To-do-List
Developer, Editor
- Stores a list of things that you can check off and delete to show that you have completed the task for today.
- Dynamically prints out whatever you type into the entry input.
- Colour changes when checked, box will change to a tick on click and disappear on unclick.
- Data stored on local storage, so it persists after refresh.

Directory Synchronization Program (Linux, MacOS, C, Makefile) (University)   **2 Weeks**
https://github.com/Aifert/To-do-List
Developer, Editor
- A Directory Synchronization Program that dynamically supports infinitely many files (in theory), however, the actual amount of directories it supports will depend on users' device.
- Different flags (options) can be used to customise synchronization, e.g -a will enable . files to be synched while without -a will not.
- Have the option to print verbose output, change permissions & modification time.
- Enhances knowledge in pointers, makefiles, C11's standard library functions.

SKILLS AND AWARDS

- **Languages**: English, Chinese, Malay, Japanese
- **Skills**: Java, SQLite, Python, Javascript, React, Node, Express, C, GitHub
- **AWS Certificate:** AWS Certified Cloud Practitioner (https://www.credly.com/badges/fce2fa6b-c124-4d60-9e29-2f21f5cccdc9/public_url)
- **Udemy Web development by App Brewery**