RYAN TAN

Singapore

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EDUCATION

University of New South Wales (UNSW)   **09 2024 – 05 2026**
*Bachelor of Science (Computer Science) - **Undergraduate***   *Sydney, Australia*

Nanyang Polytechnic   **04 2019 – 04 2022**
*Diploma in Information Technology - **CGPA - 3.32/4***   *Singapore*

COURSEWORK / SKILLS

- Artificial Intelligence
- Database Management System (DBMS)
- Web Development
- Data Structures & Algorithms
- Network Security
- Operating Systems
- Android Development (Kotlin)

INTERNSHIP

ELXR PTE LTD. ⬈   **09 2021 – 02 2022**
Software Developer Intern   *Singapore*

- Developed software features for their website and mobile app, including a video upload and playback feature and an online shop on their mobile app with **Flutter, VueJS and Ruby on Rails**, and creating a web page dedicated to their online event using **AngularJS**.
- Managing their SQL Database with latest updates of mobile app/website features/users and crafting newsletter for their users to ensure they are up to date with the latest events and features
- Preparing events on-site at sports centres to interact with their users and assist them in any enquiries

PROJECTS

Digital Portfolio website ⬈ | ExpressJS, NodeJS   **12 2022**

- Created a personal digital portfolio website to showcase my projects and showing the world about myself.
- Developed using **ExpressJS with Handlebars** with support of NodeJS.
- Live site here

BAKEin ⬈ | Python, Flask   **07 2021**

- Created an online bakery website (BAKEin) with **AI-implemented features** together as a team of 4.
- In charge of creating a **recommendation AI model** that is based on multiple factors (popularity,ratings,etc.) while using Geolocation API to display nearest bakeries to user's address.
- Github Link Here

TeenFun ⬈ | ASP.NET C#, mySQL   **02 2021**

- Created a Singapore attraction planning guide for young teenagers in a group of 4 people using **ASP.NET C#** on Visual Studio.
- In charge of **Account Management**, where I created the login, registration and updating user details for users with our local database management in **mySQL**.
- Github Link Here

TECHNICAL SKILLS

Languages: Python, JavaScript, C, SQL, ASP.NET C#, Kotlin
Technologies/Frameworks: Linux, GitHub, ReactJS, ExpressJS, VueJS, NodeJS, AngularJS, Git, Mongo, Flutter

CERTIFICATIONS

- Diploma in IT - Nanyang Polytechnic
- Certificate of Merit - Singapore Armed Forces Signal Course
- 2nd Place - Geekout Hackathon 2022 Govtech
- Cert of Participation - PolyFintech100 2021
- Director's List 2021/2022 - Nanyang Polytechnic
- Cert of Participation - Splash Awards 2021