

Pin-Hsun (Charlie) Huang

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Education

Sydney, AUS

University of Technology Sydney (UTS)

Feb 2021 – Nov 2024

Bachelor of Computing Science (Honours) in Enterprise Systems Development

Academic Achievements:

- Cumulative GPA: 6.38/7.0 (Distinction Average)
- WAM: 84.00
- Member of Programmers' Society (ProgSoc), UTS Table Tennis Club (Uni National Games Representative 2023)

Relevant Coursework: Advanced Algorithms, Cloud Computing and Software as a Service, Database Fundamentals, Advanced Software Development, Software Architecture

Experience

Frontend Developer Internship

Frontend Simplified

Nov 2023 – Jan 2024

- ❖ Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions, and carousels.
- ❖ Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination, and dynamic routing.
- ❖ Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment.

Technical Bootcamp Participant

Accenture

Feb 2023

- ❖ Automated a geo-map with associated metrics using Google Map API, enhancing data visualisation for locational data.
- ❖ Acquired hands-on experience in frontend development using React.js and Vite.js, contributing to a team-based project.
- ❖ Demonstrated proficiency in AWS technologies, including DynamoDB, AWS Lambda (backend), and AWS Serverless, optimising backend infrastructure for efficient data processing.

Head Teacher/Teachers' Assistant

Code Camp

Jan 2022 – April 2023

- ❖ Responsibilities: Delivering lesson plans, providing one-on-one help to students, providing direction to assistants, monitoring for misbehaviours or disruptions.

Projects

- **NFT Market (2024)** | [Website](#) | [GitHub](#)
NFT Market is a fully dynamic Full-Stack NFT marketplace built with **React JS, JavaScript, API Dynamic routing, and Styled Components**. This is a massive project that retrieves data from numerous backdoor APIs and it is routed using React. Using Skeleton Loading and also using advanced transitions and scrolling carousels, it makes it very responsive on all devices and smooth navigation along with a Countdown timer for all NFT items that is dynamically installed. The project is fully responsive, and it is hosted on **Vercel**.
- **AIHub (2023)** | [GitHub](#)
AI SaaS application which simulates ChatGPT with different AI generations including text, code, image, video and audio. Using web development technologies like **Next.js, React, Tailwind, Prisma, MySQL, Clerk Auth**, alongside with **Azure DevOps** with a team of 4 other members.
- **Hertz-UTS (2023)** | [Website](#) | [GitHub](#)
A simplified online business website for a Car Rental Company which simulated online car rental system like Hertz that aims to offer users a streamline browsing and operation experience. **HTML/CSS/JavaScript/AJAX/JSON**
- **Fresh Choice Grocery (2023)** | [Website](#) | [GitHub](#)
An interactive online grocery store application created using **HTML/CSS/JavaScript/JSON**

Skills

- **Language/Frameworks (proficient):** HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | TypeScript | React (+ Hooks) | Next.js | Material-UI | Redux | NPM | Git | Yarn | React Dev tools | Firebase | Java (OOP) | Python | SQL
- **Language/Frameworks (prior experience):** Azure DevOps | R | MySQL | Unity | PHP | REST API | Vue | Go | CI/CD pipelines | Jest | Unit Testing | Jenkins | Kotlin | Express.js | Django | Docker | MongoDB | NoSQL
- **Soft Skills:** Resilience, highly adaptable, organisation and time management, proactivity, effective communicator, customer-focused, analytical thinking, and problem-solving.
- **Communication skills:** English, Chinese – All professional proficiency or above
- **Leadership and teamwork:** Head teacher at Code Camp, table tennis coach at Pymble Table Tennis Club
- **Time management and organisation:** Balancing a full-time study load and part-time work commitments

Extracurricular Activities

- Table Tennis New South Wales – NSW junior representative at **Australian National Junior Championships**. (2018-2019).
- Participated in programming competition hosted by UTS Programmers' Society sponsored by WiseTech Global (June 2022).
- Participated in Technical Bootcamp by Accenture (Feb 2023).