Pin-Hsun (Charlie) Huang

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Skills

- o **Language/Frameworks (proficient):** Java (OOP) | JavaFX | C# .NET | JavaScript | C++ | C | React | jQuery | Git | HTML/CSS | Python | SQL | Bash | Unix/Linux | Excel | JSON | API | Ajax | Agile Development Methodologies | Data Structure & Algorithms | HTTP Protocols | Status Codes | JS Promises | Firebase | Cloud Firestore
- o **Language/Frameworks (prior experience):** Azure DevOps | TypeScript | Node | R | MySQL | Unity | PHP | REST API | Vue | Redux | Azure | Cloud Computing | CI/CD pipelines | Jest | Unit Testing | Microservices | Distributed Systems | Backend Development | Jenkins
- o **Soft Skills:** Resilience, highly adaptable, organisation and time management, proactivity, effective communicator, customer-focused, analytical thinking, and problem-solving.
- o **Communication skills:** English, Chinese – All professional proficiency or above
- o **Leadership and teamwork:** Head teacher at Code Camp, table tennis coach at Pymble Table Tennis Club
- o **Time management and organisation:** Balancing a full-time study load and part-time work commitments

Experience

Technical Bootcamp Participant　　　　　**Accenture**　　　　　*Feb 2023*

- ❖ Participated in a 4-day Accenture Technology Bootcamp in Sydney.
- ❖ Collaborated with a team to address a real-world business challenge.
- ❖ Developed an automated geo visualization (geo-map) with associated metrics for a company's locational data using Google Map API
- ❖ Gained hands-on experience in frontend development using React.js and Vite.js.
- ❖ Acquired skills in AWS technologies, including DynamoDB, AWS Lambda (backend), and AWS Serverless.
- ❖ contributed to a team-based project and enhanced problem-solving abilities.
- ❖ Role: Front-end development in react
- ❖ Skills: React.js · Vite.js · Tremor · Tailwind CSS · Python (backend) · API Integration · DynamoDB · AWS Lambda (backend) · AWS Serverless

Car Park Attendant/Customer Service Associate　　**Point Parking**　　　*Sep 2022 - Present*

- ❖ Responsibilities: Data entry, responding to emails, resolving phone calls and intercom requests, maintaining smooth operation at the car park, conducting regular patrols, troubleshooting, and repairing equipment.

Head Teacher/Teachers' Assistant　　　　**Code Camp**　　　　*Jan 2022 – Present*

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

Education

Sydney, AUS　　　　**University of Technology Sydney (UTS)**　　　*Feb 2021 – Nov 2024*

Bachelor of Computing Science (**Honours**) with Major in **Enterprise Systems Development**
Academic Achievements:

- Cumulative GPA: 6.35/7.0 (Distinction Average)
- WAM: 83.55
- Member of Programmers' Society (ProgSoc), UTS Table Tennis Club (Uni National Games Representative 2023)

Relevant Coursework: Programming 1, Discrete Mathematics, Database Fundamentals, Applications Programming, Network Fundamentals, Theory of Computing Science, Application Development with .NET, Data Structures and Algorithms, Programming on the Internet, Advanced Software Development, Software Architecture, Cloud Computing and Software as a Service, Application Development in the iOS Environment.

Projects/Competition

- ❖ **AIHub (2023).** 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. https://asd-group10.vercel.app/.
- ❖ **Hertz-UTS (2023)** 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** https://charlieh7.github.io/Online-Car-Rental-System/
- ❖ **Fresh Choice Grocery (2023).** An interactive online grocery store application created using **HTML/CSS/JavaScript/PHP** https://charlieh7.github.io/Online-Grocery-Store-Web-Application/
- ❖ **Portfolio Website (2022).** Interactive Portfolio Website build with **HTML/CSS/JavaScript** deployed on Vercel https://charliehuang.vercel.app/
- ❖ **TMS - Tuition Management System (2022).** Desktop application that helps university admin to manage student's tuition with CRUD operations, **Java/JavaFX is** used for the business logic/UI and implemented the software architecture with **MVC.**
- ❖ Table Tennis New South Wales – NSW junior representative at **Australian National Junior Championships.** (2018-2019)