

# Pin-Hsun (Charlie) Huang

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## Skills

- **Language/Frameworks (proficient):** Java (OOP) | JavaFX | C# | .NET | JavaScript | C++ | C | React | jQuery | Git | HTML/CSS | Python | SQL | Bash | Unix/Linux | Excel | JSON | Ajax | Data Structure & Algorithms.
- **Language/Frameworks (prior experience):** TypeScript | Node | R | MySQL | Unity | PHP | API | Vue | Redux | Azure | Cloud Computing | CI/CD | Jest | Unit Testing | Microservices | Distributed Systems
- **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

## Experience

<b>Technical Bootcamp Participant</b>	<b>Accenture</b>	<i>Feb 2023</i>
<ul style="list-style-type: none"><li>❖ Participated in a 4-day Accenture Technology Bootcamp in Sydney.</li><li>❖ Collaborated with a team to address a real-world business challenge.</li><li>❖ Developed an automated geo visualization (geo-map) with associated metrics for a company's locational data using Google Map API</li><li>❖ Gained hands-on experience in frontend development using React.js and Vite.js.</li><li>❖ Acquired skills in AWS technologies, including DynamoDB, AWS Lambda (backend), and AWS Serverless.</li><li>❖ contributed to a team-based project and enhanced problem-solving abilities.</li><li>❖ Role: Front-end development in react</li><li>❖ Skills: React.js · Vite.js · Tremor · Tailwind CSS · Python (backend) · API Integration · DynamoDB · AWS Lambda (backend) · AWS Serverless</li></ul>		
<b>Car Park Attendant</b>	<b>Point Parking</b>	<i>Sep 2022 - Present</i>
<ul style="list-style-type: none"><li>❖ 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.</li></ul>		
<b>Head Teacher/Teachers' Assistant</b>	<b>Code Camp</b>	<i>Jan 2022 – Present</i>
<ul style="list-style-type: none"><li>❖ Responsibilities: Delivering lesson plans, providing one-on-one help to students, providing direction to assistants, monitoring for misbehaviours or disruptions.</li></ul>		

## Education

<b>Sydney, AUS</b>	<b>University of Technology Sydney (UTS)</b>	<i>Feb 2021 – Nov 2024</i>
Bachelor of Computing Science (Honours) with Major in Enterprise Systems Development		
<b>Academic Achievements:</b> <ul style="list-style-type: none"><li>• Cumulative GPA: 6.31/7.0 (Distinction Average)</li><li>• WAM: 83.88</li><li>• Member of Programmers' Society (ProgSoc), UTS Table Tennis Club (Uni National Games Player 2023)</li></ul>		

**Relevant Coursework:** Programming 1, Discrete Mathematics, Database Fundamentals, Applications Programming, Network Fundamentals, Theory of Computing Science, Application Development with .NET, Data Structures and Algorithms, Introduction to Software Development, Programming on the Internet.

## Projects/Competition

- ❖ Developed a simplified online business portal (website) for a Car Rental Company: "Hertz-UTS". The website is a simulated online car rental system that aims to offer users a streamline browsing and operation experience.  
**HTML/CSS/JavaScript/AJAX/JSON** <https://charlieh7.github.io/Online-Car-Rental-System/> (2023)
- ❖ Build an interactive online grocery store application using **HTML/CSS/JavaScript/PHP** <https://charlieh7.github.io/Online-Grocery-Store-Web-Application/> (2023)
- ❖ Design and Developed a weather web app in **JavaScript** to check the weather given the name of the location inputted (2023)
- ❖ Build an interactive visualisation of a map in **REACT.js** at Accenture Technical Bootcamp to analyse geospatial data through the form of a dashboard to display the data with customise metrics like Revenue, Profit/Loss... (2023)
- ❖ Participated in UTS **Programming Competition** sponsored by **WiseTech Global** (2022)
- ❖ Build a Notepad using **C# windows form** (2022)
- ❖ Interactive Portfolio Website build with **HTML/CSS/JavaScript** deployed on vercel (2022) <https://charliehuang.vercel.app/>
- ❖ TMS - Tuition Management System. A **Java/JavaFX** desktop application using the **MVC** architecture to build interactive GUI system. (2022)
- ❖ A 3D Maze Game Created in Unity for year 12 SDD Major Project. **C#, GLSL** (2020)
- ❖ Table Tennis New South Wales – NSW junior representative at **Australian National Junior Championships**. 2018-2019.