

+61 432 562 636  
Sydney, Australia

**Pin-Hsun (Charlie) Huang**

hope91824@gmail.com



## CAREER SUMMARY

Third-year computer science student with a strong foundation in computer science principles and programming languages such as Java, C#, C++, and Python. Skilled in data structures, algorithms, and computer architecture. Practical experience through hands-on projects and lab work. A strong passion for building responsive and performant web applications with great user experiences that positively impact the world. Motivated to continue learning and growing as a computer scientist. Excellent written and verbal communication skills. Seeking an internship or entry-level position in a company that values innovation and collaboration.

## 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: 6.31/7.0 (Distinction Average)
- WAM: 83.88
- Member of Programmers' Society (ProgSoc), UTS Table Tennis Club

**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.

## EXPERIENCE

### Accenture

*Accenture Technical Bootcamp*

*Feb 2023*

- ❖ Attended a 4-day Accenture Technology Bootcamp where I had the opportunity to work with a team to solve a real-world business problem. Our project involved building an automated geo visualisation (geo-map) including associated metrics which fetched the locational metadata of a company and identifies the best-match locations. Through this experience, I was able to learn about the frontend framework as well as gain hands-on experience with AWS and working with a team. Overall, it was a brilliant experience that allowed me to grow both personally and professionally.
- ❖ Role: Front-end development in react
- ❖ Skills: React.js · Vite.js · Tremor · Tailwind CSS · Python (backend) · Api · DynamoDB · AWS Lambda (backend) · AWS Serverless

### Point Parking

*Customer Service Specialist/Car Park Attendant*

*Sep 2022 - Present*

- Data entry, responding to emails, and resolved phone calls and intercom requests.
- Maintain smooth operation at the car park and ensure high-quality service and satisfaction for customers.
- Conduct regular patrols of the parking area and issue notices of payment for non-compliance with parking terms and conditions. Troubleshoot and repair any issues with the boom gate and payment machines.

### Code Camp

*Head Teacher/Teachers' Assistant*

*Jan 2022 – Present*

- Delivered lesson plans to a class of approximately 25 students.
- Provided one-on-one help to individual students if they get stuck in class.
- Provide direction to assistant and monitor for any misbehaviours or disruption.

### Coles

*Night Fill Team Member*

*Nov 2021 – Aug 2022*

- Responsible for restocking shelves and ensuring that the store is well-presented and fully stocked for the following day.
- Responsible for unpacking and organizing deliveries, maintaining cleanliness and organization in the store, and assisting customers as needed.
- Worked efficiently, accurately, and safely in a fast-paced environment. With good communication skills and be able to work effectively as part of a team.

### Pymble Table Tennis Club

*Table Tennis Coach*

*Dec 2019 – Aug 2022*

- As a former NSW junior state player, I offered personalised coaching or group training of all levels, from beginners to advanced, looking to improve their table tennis skills.

## KFC, St Leonards

Cashier, Food Services

Dec 2020 – Oct 2021

- Maintained a sanitary workplace abiding to Australia's Food and Drugs Act and Regulations
- Demonstrated excellent customer service skills while efficiently and accurately completing transactions in a high-pressure and fast-paced setting.

## Taiwan Business Bank, Sydney Branch

School work experience

Nov 2018

- Assisted the office manager in organising and coordinating various administrative duties, as well as providing support with various office procedures.

## TECHNICAL SKILLS/SOFT SKILLS

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- **Language/Frameworks (proficient):** Java (Object Oriented Programming), HTML/CSS, JavaScript, Python, SQL, Git, JavaFX, FXML, Bash, Unix/Linux, C, C#, .NET, C++, Excel, JSON, Ajax.
- **Language/Frameworks (prior experience):** Agile Methodology, Data Structures, Algorithms, R, MySQL, AWS LATEX, Unity, TypeScript, Flask, Tableau, NodeJS, React.js, PHP, AWS, Severless, Api, DynamoDB, AWS Lambda (Serverless), MobX, TypeScript.
- **Soft Skills:** Resilience, highly adaptable, organisation and time management, proactivity, effective communicator, customer-focused, analytical thinking, and problem-solving skills.
- **Communication skills:** Fluent in English, Mandarin (native)
- **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

## COMPETITION/PERSONAL PROJECTS

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- ❖ Build 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** <http://assignment1grocery-env.eba-cyptb8h8.us-east-1.elasticbeanstalk.com/index.html> (2023)
- ❖ Build 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 using **HTML/CSS/JavaScript** (2022) <https://charlieh7.github.io/Portfolio/>
- ❖ TMS - Tuition Management System. A **Java/JavaFX** desktop application using the **MVC** architecture to build interactive GUI system. (2022)
- ❖ Developed a simple Web server in **Python** that is capable of processing http requests (2022).
- ❖ A 3D Maze Game Created in Unity for year 12 SDD Major Project. **C#, GLSL** (2020)
- ❖ Achieved perfect score in Web.Comp **HTML/CSS** (Intermediate) 2019.
- ❖ Table Tennis New South Wales – NSW junior representative in **Australian National Junior Championships**. 2018-2019.
- ❖ Achieved perfect score in **Python** NCSS Challenge (Beginners) 2017.

## INTERESTS/HOBBIES

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- Table Tennis
- Leetcode
- Jogging
- Workout
- Music
- Reading
- Poker
- Movie
- Learning new things
- Building projects