

# Harry Park

Sydney, NSW | P: +61 0455039215 | [harryparksw@gmail.com](mailto:harryparksw@gmail.com) | [linkedin.com/in/harryparkr](https://www.linkedin.com/in/harryparkr) | [www.harrypark.dev](http://www.harrypark.dev)

## EDUCATION

---

### The University of Sydney

Bachelor of Computing

Major in Computer Science

Relevant Coursework: Object-Oriented Programming; Data Structures and Algorithms; Algorithm Design; Artificial Intelligence; Distributed Systems; Scalable Data Management; Usability and Security

Sydney, NSW

Nov 2024

## WORK EXPERIENCE

---

### Link Australia (International Student Service Agency)

Software Engineer Intern

Sydney, NSW

Sep 2024 – Jan 2025

- Developed an in-house **online learning platform** that reduced resource sharing and access control time by approximately **95%**, enabling effortless management with just a few clicks.
- Improved user satisfaction by over **70%** compared to the manual process of sharing private YouTube video links, by incorporating feedback from students and staff during development.
- Integrated Streamable, a video hosting solution, to implement **domain protection** and ensure **uninterrupted video distribution across multiple countries**, enhancing accessibility and performance.
- Enhanced usability by implementing a **responsive design**, ensuring seamless access for students across multiple devices.

### Yongsan-Gu Office (District Office)

IT Administrative Assistant

Seoul, Republic of Korea

Mar 2021 – Dec 2022

- Utilised IT systems to **streamline communication**, monitor compliance, and facilitate efficient **management** of essential public services for foreign residents during COVID-19 pandemic.
- Provided interpretation and translation services, facilitating communication between government staff and foreign residents while supporting administrative tasks to enhance office efficiency.

## PROJECTS

---

### Trecareer - Job Application Tracking Platform | [website](#) | [source code](#)

Next.js | TailwindCSS | Supabase

- Developed Trecareer, a job application tracker powered by **Supabase**, **Next.js** and **TailwindCSS**, enabling users to monitor application statuses, manage data dynamically, and track progress efficiently.
- Implemented secure account authentication process using popular **authentication providers** like Google and Github, ensuring efficient and dependable user access.

### Distributed Coupon System | [source code](#)

Spring Boot | Spring Cloud Netflix Eureka | JPA | Redis | Kafka

- Implemented a **custom API Gateway**, integrated with **Netflix Eureka**, to validate incoming requests and **distribute traffic** across multiple service nodes, enhancing **scalability** and **reliability**.
- Streamlined data processing with **Kafka** for asynchronous communication and optimised performance using **Redis** for distributed caching.

### Blockchain | [source code](#)

Python | socket | threading

Grade of the project: **HD (100)**

Unit: Distributed Systems

- Designed and implemented a blockchain system in a **distributed network environment**, incorporating consensus mechanisms and mining processes.
- Utilised **multi-threading** to enable **non-blocking communication** between nodes via **TCP/IP**, ensuring efficient data exchange and **synchronisation** within the blockchain network.

## ADDITIONAL

---

**Languages:** JavaScript, TypeScript, Java, Python

**Libraries & Frameworks:** React, Express.js, NestJs, Spring Frameworks, Next.js

**Databases & Data technologies:** Redis, PostgreSQL, MySQL, Kafka, RabbitMQ, Prisma, TypeORM, JPA

**Cloud platforms & DevOps tools:** Docker, Amazon AWS (EC2, S3), Vercel, Supabase

**Academic Achievements:** Ranked **1st among 400+ students** in a competitive Propositional Logic assignment, which awarded scores based on ranking.