Justin Soon

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EDUCATION

National University of Singapore   **Aug 2023 - Present**

Bachelor of Computing in Computer Science

- Focus Areas in Artificial Intelligence and Networking and Distributed Systems
- Graduating in 2027

CERTIFICATES & SKILLS

- Offensive Security Experienced Penetration Tester (OSEP), Offensive Security Certified Professional (OSCP)
- Operating Systems: Kali Linux, Ubuntu, Windows 10, Windows Client, Mac OS
- Administration: Microsoft Active Directory, Microsoft Powershell, Linux terminal
- Frameworks & Libaries: React Native, React, Spring Boot, Google APIs: Maps API & Gemini API

EXPERIENCE

Software Engineer Intern, Koru Partners Pte Ltd, Singapore   **May 2024 - Aug 2024**

- Developed Spacetime permission scripts to protect company assets using Django, improving access control and security
- Helmed deployment of robust cybersecurity solutions, integrating Cloudflare and implementing endpoint protection to strengthen defences and mitigate potential threats.

SOC Analyst, The Digital and Intelligence Service, Singapore   **Dec 2022 - Apr 2023**

- Identified and analysed security events, contributing to safeguarding of critical SAF infrastructure.
- Led a team of 4 in 24/7 monitoring of critical SAF infrastructure, ensuring cyber threat mitigation.
- Analysed cyber trends to enhance cybersecurity measures. Headed a team of 6 in cyber defence exercises organized by the SAF cyber test and evaluation centre.

PROJECTS

PathPilot – Volunteer Delivery Route Optimizer
Mobile App | React Native, Google Maps API

- Developed a mobile app to optimize multi-stop meal delivery routes for volunteers, improving efficiency in food distribution to beneficiaries.
- Integrated Google Maps API for real-time navigation and route planning, reducing delivery time and reliance on manual direction queries.

Readly
Personal Full-Stack Project | Java, Spring Boot, REST APIs, H2, Maven

- Built a RESTful backend with Spring Boot to manage books, users, and reading activity.
- Developed CRUD and filtering endpoints with Spring MVC and integrated a lightweight in-memory database for testing.
- Automated builds and dependency management using Maven, following clean architecture and best practices.

The Job Application Game
Hackathon Web Project | React, JavaScript, Gemini API, Serverless, GenAI

- Built a web-based simulation app using React and Gemini API to deliver AI-generated resume feedback and personalized roast responses.
- Engineered serverless backend functions to validate user input and drive dynamic, context-aware rejection messages with a humorous tone.

LANGUAGES

- English (Native), Chinese (Spoken & Written), Bahasa Melayu (Spoken & Written), Japanese (Spoken & Written)