

# Ryan Martin

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## Work Experience

### AirAsia

Aug 2022 - Nov 2022

#### Product Design Intern

Kuala Lumpur, Malaysia

- Designed low and high fidelity prototypes for a superapp used by over 4 million people
- Worked in a team of 4 designers to redesign the team website, resulting in a 5% decrease in bounce rate
- Analysed over 1000+ app reviews to identify user needs and pain points
- Performed design QA to ensure that the company application met design specifications

### Asia Pacific University

Feb 2022 - July 2022

#### Frontend Developer

Kuala Lumpur, Malaysia

- Designed and developed internal feedback platform using Angular and Ionic framework
- Prepared 100+ test cases to ensure all project requirements were met before release, which resulted in the prevention of 10+ potential bugs
- Created high fidelity prototypes and presented them to the project stakeholders

## Education

### Asia Pacific University

Sep 2020 - Sep 2023

#### B.Sc. (Hons) in Computer Science

Kuala Lumpur, Malaysia

- Specialisation: Data analytics
- Societies: IEEE Student Branch, Forensic & Cybersecurity Research Centre

## Projects

### PKPM E-Ticket System - [github.com/rmrt1n/e-ticket](https://github.com/rmrt1n/e-ticket)

Jul 2022 - Sep 2022

Collaborated with a team of 3 to build and launch an event e-ticketing and check-in system that increased the efficiency of the event flow up to 400%

### Cybernaut - [github.com/rmrt1n/cybernaut-2](https://github.com/rmrt1n/cybernaut-2)

Dec 2021 - Feb 2022

Developed and presented a high fidelity prototype of a gamified phishing awareness training platform, which led our team to the semifinals of a competition

### Redis-kw - [github.com/rmrt1n/redis-kw](https://github.com/rmrt1n/redis-kw)

Apr 2021 - May 2021

Clone of Redis (server & client), written in C, that supports a subset of the features in the original Redis

## Honours & Awards

- Finalist at Hack.Asia: Social Inclusion Challenge by Jardine Matheson - Feb 2022
- Semifinalist at Hilti IT Competition by Hilti Corporation - Mar 2022
- Semifinalist at TCS Sustainathon by Tata Consultancy Services - Dec 2021
- 1st place at APU Battle of Hackers 2021 by Asia Pacific University - Nov 2021

## Skills & Interests

**Skills:** Fullstack development, Data analysis, UX design, User research, Digital marketing, Prototyping, Debugging, Googling

**Languages:** JavaScript, C/C++, Python, SQL (Postgres), R, Java, HTML/CSS, Bash

**Frameworks:** React, Next.js, Sveltekit, Angular, Ionic, Express, Flask, TailwindCSS, Prisma

**Tools:** Git, Linux, Docker, Figma, PostgreSQL, MongoDB, Jira, Jupyter, Ghidra

**Interests:** Sustainability, Climate tech, Linux, Cybersecurity, Compilers