

# Riel Vance Gonzales

Code · Graphic Design

✉ vancerielgonz@live.com

☎ +65 9831 8035

🇸🇬 Singaporean

🐙 github.com/vanceriel

## Education

### Bachelor of Computer Science, Cybersecurity

Jan 2022 - Jun 2025

University of Wollongong - SIMGE

Singapore

- SubComm of SIM Board Game Society (Jul 2023 - Apr 2024)

### Advanced Diploma in Visual Communication (Graphic Design)

Jul 2015 - Dec 2016

First Media Design School (FMDS)

Singapore

## Projects

### SecureScan Mobile Application

Oct 2024 - Feb 2025

- Collaborated with team of 6 to develop a mobile app with enhanced QR code scanning security using sandboxing and payload inspection

- Implemented security features for URL validation and malware detection

*Technologies:* Kotlin, Android Studio, Safe Browsing API, VirusTotal API

### KarmenRider Web Application

Jan 2025 - Mar 2025

- Collaborated with team of 7 to develop a full-stack application for buying and selling used cars

- Built web application with database integration and responsive design

*Technologies:* JavaScript, PHP, SQL, HTML, CSS

### CityEVChargers Web Application

Jan 2025 - Mar 2025

- Developed a comprehensive EV charging station management application

- Implemented user authentication, location management with check-in/check-out, and search functionality

*Technologies:* Javascript, PHP, SQL, HTML, CSS

### Learning Game Web Application

Jan 2025 - Mar 2025

- Collaborated in team of 2 to develop interactive quiz game for kids with multiple topics and question-answer system

- Implemented user profile system with scoring, leaderboard rankings, and persistent game history

*Technologies:* Javascript, PHP, HTML

### Email System Event Modeler & Intrusion Detection System

Oct 2024 - Dec 2024

- Collaborated in team of 2 to develop anomaly detection system for email security monitoring

- Implemented baseline statistics analysis, real-time monitoring, and weighted deviation alerting

*Technologies:* Python

## Experience

### Professional Studio Practice Internship

Nov 2019 - Jan 2020

First Media Design School (FMDS)

Singapore

- Designed corporate materials including leaflets, company prospectus, and profiles
- Created promotional materials such as posters, holiday EDMs, and animated GIFs
- Provided administrative support and customer service to students and clients
- Assisted instructors in classroom activities and student queries

*Tools:* Adobe Illustrator, Photoshop, InDesign, After Effects, Dreamweaver

## Skills

**Languages:** English (Fluent), Tagalog (Conversational), Mandarin (Basic)

**Programming Languages:** JavaScript, Java, Python, PHP

**Tools & Technologies:** HTML/CSS, SQL, MongoDB, MySQL, Adobe Illustrator, Photoshop, InDesign, After Effects, Dreamweaver, Microsoft Word, Powerpoint, Excel, Git, GitHub, GitLab, Apache Spark, Hadoop, HBase, Hive

**Interests:** Skating, Reading, Rock Climbing, Artificial General Intelligence