Riel Vance Gonzales

Code · Graphic Design

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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*
- Developed 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