

# Raymond Quan

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## Technical Skills

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**Languages:** Python (OOP), JavaScript, HTML/CSS

**Developer Tools:** Git/GitHub, Docker, VMware, VS Code, Figma

**Frameworks/Libraries:** Tailwind CSS, Bootstrap, Flask

**Databases:** SQLite, MongoDB

**Currently learning:** React, MongoDB, MySQL

**Soft Skills:** Communication, Adaptability, Teamwork, Time Management

## Projects

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**EduSync AI (In Progress) | Python, Flask, MongoDB, OpenAI API** | [github.com/RayQCodes/EduSyncAI](https://github.com/RayQCodes/EduSyncAI)

- Built a scheduling automation application with OpenAI API to parse syllabus deadlines and sync google calendar
- Developed a notes organization system allowing users to create subjects/topics and upload tagged files for quick retrieval. Created for API performance optimization.
- Implemented for scheduling and organizing note management then finally uploaded to GitHub. We were able to increase work efficiency by 40% saving users about 5 hours a week.

**Battery API | Python, Flask, Rest-API, JSON** | [github.com/RayQCodes/BatteryApp](https://github.com/RayQCodes/BatteryApp)

- Built a modular python restful API using Flask for finding the date and current endpoints and simulating battery temperature lookups.
- Applied a clean API design, JSON formatting, and command line config parsing using argparse to practice real world backend work. Finally, I uploaded it to GitHub.

## Clubs/Extracurriculars

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**Volunteer Developer for MAIS Solutions LLC** | [github.com/RayQCodes/UnitApiTester](https://github.com/RayQCodes/UnitApiTester) 06-2025  
– Present

- Built an API testing platform using html, CSS, JS, Python, and SQLite to validate backend performance for CYSE hackathon.
- Integrated automatic testing, analytics, and persistent result storage to monitor API reliability and speed.
- Collaborated on Blue team planning using Fail2ban, Nmap, TCP dump, and Wireshark for log analysis, intrusion detection and incident containment.

**Accenture Developer Job Simulation | Architecture, SSDLC, Agile**

- Completed a simulation replicating real world developer tasks, including architectural design, secure coding practices and Agile project planning

**Google Developer Club (GDG)** 01/2025 – Present

- Attended workshops and hackathons focused on Google technologies and software development
- Collaborated with peers on coding projects and discussion about industry trends

**Society of Asian Scientists and Engineers (SASE)** 01/2022 – Present

- Participated in professional development events and networking sessions
- Engaged in Mentorship Programs to help for professional development (Workshops)

## Education

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George Mason University  
VA

Fairfax,

B.S. Cybersecurity Engineering

Dec 2026