

Raymond Quan Fairfax, VA | 703-298-4818 | Rquan3@gmu.edu
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Education & Certificates

- B.S. Cybersecurity Engineering, George Mason University — Expected Dec 2026

Projects / Experience

Backend Developer – Coupon Management API, Fairfax, VA 03-11-2026 - 03-25-2026

- Built REST APIs using Java and Spring Boot to handle coupon creation, updates, and redemption through backend endpoints
- Used Spring Data JPA (Hibernate) with MySQL to map objects to a relational database and manage data storage and retrieval without writing SQL
- Implemented backend validation logic and tested endpoints using Postman, while using Git to version control and push code to an online repository

Backend Developer Contributor – Invisible CAPTCHA System (Team Project) 09-2025 - 05-2026

- Used AWS EC2 to support deployment of a web application, making the system accessible on a live server
- Connected to cloud instances using SSH and PEM key authentication, enabling secure remote access and management
- Assisted in maintaining the deployed environment and researching security libraries to support bot detection functionality

Software Engineering Virtual Experience (Forage)

- Completed hands-on simulations involving backend logic, debugging, and system design tasks
- Applied problem-solving techniques to analyze and improve software functionality in real-world scenarios