

# MARC VINCENT C. ALCORIZA

## ASPIRING SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

**Bachelor of Science In Computer Science**  
Pamantasan ng Lungsod ng Maynila  
(2021 - 2025)

### SKILLS & TOOLS

#### Programming Languages & Frameworks:

- Python (Flask)
- Dart (Flutter)
- SQL (PostgreSQL, MySQL)

#### Database & Data Administration:

- PostgreSQL,
- Data Administration

#### Tools & Technologies:

- Git
- Figma
- HTML
- CSS

### SOFT SKILLS

- Critical Thinking
- Attention to Detail
- Collaboration & Teamwork
- Adaptability
- Communication Skills
- Time Management

### SEMINARS

**Ms Excel Seminar** (October 2024)

**Power Bi Seminar** (September 2024)

### CAREER OBJECTIVE

Aspiring software engineer with a strong foundation in programming, problem-solving, and software development principles. Passionate about learning and applying new technologies to build efficient and scalable solutions. Seeking a software engineering internship to gain hands-on experience, contribute to real-world projects, and collaborate with experienced professionals to enhance my technical and analytical skills.

### WORK EXPERIENCE

#### IT SUPPORT SPECIALIST (OJT)

*July 2024 - October 2024*

- Assisted in managing and optimizing POS system databases, improving data accuracy and efficiency.
- Modified and tested backend code to enhance system reliability.
- Developed Python scripts to automate testing, reducing manual efforts by 50%.
- Created technical documentation to streamline debugging processes.
- Collaborated with clients to gather requirements and implement software solutions.

### PROJECTS

- **YouTube Video Search and Play Automation (Python)** – Automated YouTube search and playback using pyautogui library in python.
- **Database Optimization (PostgreSQL)**: Implemented partitioning to speed up queries by 40% on large datasets.
- **School Library App (Flutter)**: Optimized UI/UX for better responsiveness, improving user retention.
- **Basic Enrollment System (Flask, MD5)**: Built an enrollment system with an enhanced MD5-based file integrity check.
- **OSZ Improved MD5 Algorithm**: Enhanced an MD5-based algorithm for better file security in a school enrollment system.
- **Personal Website Portfolio (In Progress)**: Developing a portfolio website with HTML, CSS, and JAVASCRIPT to showcase projects.

### CERTIFICATIONS AND COURSES

- **Certified in Cyber Security (CC)** – (ISC)2 (May 2023)
- **Introduction to Cyber Security** – Cisco Network Academy (March 2023)
- **Cyber Security Essentials** – Cisco Network Academy (April 2023)
- **Introduction to Data Engineering** – Data Camp (February 2025)
- **Intermediate SQL** – Data Camp (February 2025)