

Roman Joseph C. Gallardo

romanjosephgallardo01@gmail.com | +63 995 957 2339

Anonas West Ext., Brgy. 638, Sta. Mesa, Manila | <https://github.com/romanjosephgallardo>

OBJECTIVE

A motivated Computer Engineering student with a growing interest in applying technical skills to real-world tasks. Looking forward to contributing in a team setting, learning from actual work environments, and building confidence in using tools, systems, and processes beyond the classroom.

SKILLS AND INTERESTS

- **Programming and Markup Languages:** Python, HTML, CSS, Javascript (Fundamentals),
- **Tools & Environments:** Visual Studio Code, Git, Github, Windows OS, Canva, AutoCAD (2D)
- **Soft Skills:** Team collaboration, project coordination, self-directed learning, attention to detail, adaptability
- **Interests:** Front-end web development, exploring systems and tools, collaborative academic work, creative expression, continuous learning in technology

EDUCATION

Polytechnic University of the Philippines

Sep. 2023 – Present

Bachelor of Science in Computer Engineering

- **Relevant Courses:** Programming Logic and Design, Object Oriented Programming, Computer Hardware Fundamentals, Data Structures and Algorithms, Computer-Aided Drafting, Operating Systems
- Participated in academic group projects and technical assignments, focusing on hands-on learning and practical application of course concepts.

PROJECTS AND ACTIVITIES

Web Application Development for Data Structures and Algorithms

Nov. 2024 – Jan. 2025

- Accomplished the development of a comprehensive DSA project portfolio webpage — including tools like the Infix to Postfix Converter, Sorting Algorithm Visualizer, and Manila Rail Shortest Path Finder (real-world shortest path application).
- Served as the Front-End Web Developer, designing and implementing a user-friendly interface for displaying algorithm outputs and visualizing operations.
- Demonstrated core algorithmic concepts effectively, as measured by successful execution of simulations and accurate results by integrating Python for backend logic and building responsive front-end interfaces using HTML, CSS, and JavaScript.

Address Book Python Program

Jan. 2024 – Feb. 2024

- Developed a fully functional address book app in Python, supporting CRUD operations across 100 entries—completed all feature requirements including field-based search and indexed entry management.
- Handled entry deletions with automatic reindexing, maintaining data integrity and sequential alignment across the contact list.
- Enhanced contact retrieval by implementing a multi-criteria search system (name, address, contact number), enabling quicker and more precise queries through condition-based filter.

ADDITIONAL INVOLVEMENTS

Cadet Member, GDG PUP – Web Development (Front-End)

Nov. 2024 – Present

- Engaged in a student-led community focused on web development, with exposure to front-end tools, practices, and collaborative learning opportunities.