

ADRIAN VAFLOR

Software Intern

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EDUCATION



BS Computer Science

University of the Philippines Cebu

📅 2022 - Present

- Academic Honors: Consistent University/College Scholar in the College of Science from First Year (Second Semester) to present (Third Year).

PROGRAMMING PROJECTS

Inspectify (AI Home Assessment App)

Project Status: In progress (Private Repository)
https://res.cloudinary.com/dqi7yzgm2/video/upload/v1745297501/inspectify_hu19a6.mp4

A mobile app built with a React Native (Expo) frontend, a Flask, and MySQL backend, deployed using Railway and Cloudinary, allowing users to take or upload photos of their home. Using Gemini's spatial understanding, the app generates an assessment report with suggested maintenance tips. It also includes a disaster risk awareness tool and displays maps of nearby repair shops.

Role: Backend-focused with frontend integration and AI feature integration

Brainrot & Compiley Studio (Programming Language & IDE)

<https://github.com/DaRainFlavor/CMSC-124-PL-Project>

An all-in-one IDE, compiler, and esoteric programming language — with syntax inspired by Gen Z and Gen Alpha slang. Built using Python, it features a Tkinter-based UI and uses MIPS Assembly for code translation. It also includes an AI-powered feature that lets users type or speak commands, instantly converting them into Brainrot code.

Role: Project lead / Primary developer

Color Rush (Flood Fill Game with Solver)

<https://github.com/DaRainFlavor/Color-Rush>

A flood-fill puzzle game developed in C++ with an SFML-based user interface, featuring a custom-designed n-depth search algorithm for the solver.

Role: Solo developer

MUSIC & VISUAL ART

As part of my personal interests and creative expression, I engage in drawing and music composition. Several visual and audio elements featured in the games I've developed are original. These artistic contributions showcase my ability to integrate creativity with technical skills, and examples of these works are available in my portfolio.

PORTFOLIO

<https://darainflavor.github.io/Portfolio/>

A grimoire-inspired portfolio built using HTML, CSS, and JavaScript, showcasing a curated selection of my software projects alongside my other works.

PROGRAMMING

Python



C/C++



SQL



JAVASCRIPT



HTML & CSS



SKILLS

Data Structures Full Stack Development

Algorithm Design & Analysis Git Flask

Programming Language Design API Integration

Agile Development

Leadership Teamwork & Collaboration

Adaptability Time Management Reliable

Problem Solving Communication Consistent

CERTIFICATIONS

UPCSG HACKATHON 2025 Participation

Participated in a 1-week Hackathon where we conceptualized and partially developed an app that uses Machine Learning to tell the best date and place to buy basic commodities.

DICT Principles of Design Course Completion

Learned art elements that makes cover pages like in a website or in a book visually appealing.

LANGUAGES

English

Proficient

Cebuano

Native

Tagalog

Native