

ADRIAN VAFLO

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 (Fourth 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

This mobile app allows users to take or upload photos of their home to receive an assessment report with suggested maintenance tips, powered by Gemini’s spatial understanding. It also features a disaster risk awareness tool and displays maps of nearby repair shops. The app is built with a React Native (Expo) frontend and a Flask-MySQL backend and is deployed using Railway and Cloudinary.

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

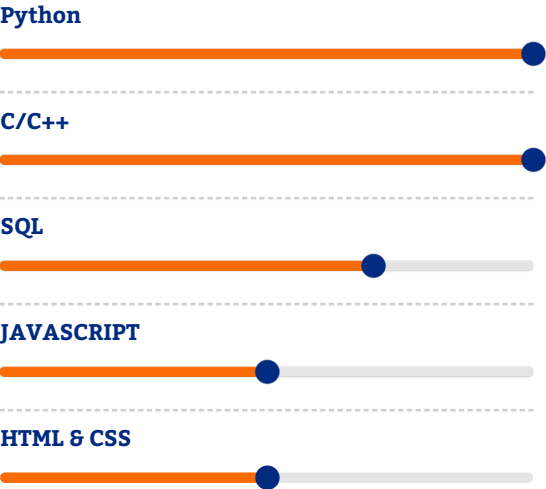
As part of my personal interests and creative expression, I engage in drawing and music composition. Several visual and audio elements featured in the games I’ve developed are original. These artistic contributions showcase my ability to integrate creativity with technical skills, and examples of these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



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

