

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.

PROGRAMMING PROJECTS

Brainrot & Compile 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

Inspectify (AI Home Assessment App)

Initial demo:
https://res.cloudinary.com/dqi7yzgm2/video/upload/v1745297501/inspectify_hu19a6.mp4

A mobile app built with React Native (Expo) and a Flask backend, where users can 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 implementation

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 original artwork and music compositions.

PROGRAMMING

Python

Progress bar (100%)

C/C++

Progress bar (100%)

SQL

Progress bar (75%)

JAVASCRIPT

Progress bar (50%)

HTML & CSS

Progress bar (50%)

SKILLS

- Data Structures Full Stack Development
- Algorithm Design & Analysis Git Flask
- Programming Language Design API Integration
- Agile Development
- Leadership Teamwork & Collaboration
- Adaptability Time Management
- 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 ● ● ● ● ●