Robin Victor D. Dimasin

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EDUCATION

Polytechnic University of the Philippines - Manila 2020 – Present
Bachelor of Science in Computer Science Expected graduation: Oct. 2024
DOST-SEI S&T Undergraduate Scholar - MERIT

Meycauayan College (Junior & Senior High School) 2014 – 2020
Science, Technology, Engineering, and Mathematics (STEM) With High Honors

SKILLS

Languages: JavaScript/TypeScript, Python, PHP, Java, C++, MySQL, HTML/CSS
Frameworks: React, NextJS, SvelteKit, Laravel, Flask, .NET, NodeJS

PROJECTS

Behind the Words | AI/ML, LLM, XGBoost, CNN, TensorFlow, Python, Flask, Svelte Oct. 2023 – Jan. 2024
- Thesis paper about detecting english essays generated by LLM such as ChatGPT
- Trained an XGBoost model boosted by Convolutional Neural Network (CNN)
- Achieved 98.69% accuracy in detecting LLM-generated english essays
- Developed a web platform to interact with the trained model
- Built tools to scrape, clean, and augment essays, and analyze results

AWPAP | PHP, Laravel, Blade, Livewire, AlpineJS, TailwindCSS, DaisyUI June 2023 – July 2023
- Developed a web platform for pet adoption
- Experimented with Google, Facebook, and GitHub OAuth

ShopEase | .NET, ReactJS, Prisma, TailwindCSS Feb. 2023 – Mar. 2023
- Developed an E-commerce website
- Used Prisma to create database, and introspected it using dotnet CLI for code generation

Swiss | NodeJS, TypeScript, Jest, Unit Testing, Finite State Machine, Automata Jan. 2023 – Feb. 2023
- Developed a code parser based around the idea of Finite State Machine, Automata, and Regular Expression
- Implemented Unit Testing using Jest

RoeDigits | SvelteKit, Prisma, SEO, Progressive Web App (PWA), TailwindCSS, DaisyUI July 2022
- Developed a subscription-based web platform that offers basic math courses
- Added Progressive Web App (PWA) support, and Search Engine Optimization (SEO)

CodeExecutor | Java, Spigot API, IntelliJ IDEA Feb. 2021
- Developed a Minecraft server plugin that enables player to write, and execute code inside Minecraft using PistonAPI

Would You Rather Telegram Bot | TypeScript, Telegram API, MongoDB, Heroku June 2020
- Developed a Telegram Bot that serves a Would You Rather game inside Telegram Chat
- Experimented with Heroku, MongoDB, and Telegram Bot API

CS50 | CS50x, CS50 Web, CS50 AI Apr. 2020 – May 2020
- Completed three courses, including the required projects, from Harvard CS50

EXPERIENCE

Web Developer Intern | OneQuantum Philippines July 2024 – Present
Responsible for developing web products, including key landing pages, and Learning Management System

Freelance Python & Fullstack Developer | Upwork Sept. 2022 – Present
Provides different services such as Web Scraping, Fullstack Development, Browser Automation using
Selenium/Puppeteer, Python Scripting, Task Automation, and Chrome Extension Development

System Analyst Intern | Pixel8 Aug. 2023 – Sept. 2023
Analyzed and designed system flows using Figma. Team Leader during the second half of the internship

HOBBIES

Competitive Programming | Algolympics, Codeforces, AtCoder, CodeChef Sept. 2020 – Present
Participated in numerous competitive programming contests. Algolympics finalist in year 2021 to 2023, and ranked
4th in year 2021, and 2023