

Robin Victor D. Dimasin

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EDUCATION

Polytechnic University of the Philippines - Manila Bachelor of Science in Computer Science DOST-SEI S&T Undergraduate Scholar - MERIT	2020 – Present Expected graduation: Oct. 2024
Meycauayan College (Junior & Senior High School) Science, Technology, Engineering, and Mathematics (STEM)	2014 – 2020 With High Honors

SKILLS

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

PROJECTS

<u>Behind the Words</u> AI/ML, LLM, XGBoost, CNN, TensorFlow, Python, Flask, Svelte <ul style="list-style-type: none">• <u>Thesis paper</u> 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 <u>web platform</u> to interact with the trained model• Built tools to <u>scrape</u>, <u>clean</u>, and <u>augment</u> essays, and <u>analyze results</u>	Oct. 2023 – Jan. 2024
<u>AWPAP</u> PHP, Laravel, Blade, Livewire, AlpineJS, TailwindCSS, DaisyUI <ul style="list-style-type: none">• Developed a web platform for pet adoption• Experimented with Google, Facebook, and GitHub OAuth	June 2023 – July 2023
<u>ShopEase</u> .NET, ReactJS, Prisma, TailwindCSS <ul style="list-style-type: none">• Developed an E-commerce website• Used Prisma to create database, and introspected it using dotnet CLI for code generation	Feb. 2023 – Mar. 2023
<u>Swiss</u> NodeJS, TypeScript, Jest, Unit Testing, Finite State Machine, Automata <ul style="list-style-type: none">• Developed a code parser based around the idea of Finite State Machine, Automata, and Regular Expression• Implemented Unit Testing using Jest	Jan. 2023 – Feb. 2023
<u>RoeDigits</u> SvelteKit, Prisma, SEO, Progressive Web App (PWA), TailwindCSS, DaisyUI <ul style="list-style-type: none">• Developed a subscription-based web platform that offers basic math courses• Added Progressive Web App (PWA) support, and Search Engine Optimization (SEO)	July 2022
<u>Vetreatment: Pet Clinic</u> React, NextJS, JavaScript, MySQL, TailwindCSS, DaisyUI <ul style="list-style-type: none">• Developed a full-stack web application for managing appointments in pet clinic	June 2022 – July 2022
<u>CodeExecutor</u> Java, Spigot API, IntelliJ IDEA <ul style="list-style-type: none">• Developed a Minecraft server plugin that enables player to write, and execute code inside Minecraft using PistonAPI	Feb. 2021
<u>Would You Rather Telegram Bot</u> TypeScript, Telegram API, MongoDB, Heroku <ul style="list-style-type: none">• Developed a Telegram Bot that serves a Would You Rather game inside Telegram Chat• Experimented with Heroku, MongoDB, and Telegram Bot API	June 2020
<u>CS50</u> <u>CS50x</u> , <u>CS50 Web</u> , <u>CS50 AI</u> <ul style="list-style-type: none">• Completed three courses, including the required projects, from Harvard CS50	Apr. 2020 – May 2020

EXPERIENCE

<u>Freelancer</u> <u>Upwork</u> Provides different services such as Web Scraping, Fullstack Development, Browser Automation using Selenium/Puppeteer, Python Scripting, Task Automation, and Chrome Extension Development	Sept. 2022 – Present
<u>Pixel8 Intern</u> System Analyst Analyzed and designed system flows using Figma. Team Leader in the second half of the duration of the internship	Aug. 2023 – Sept. 2023

HOBBIES

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