

# Robin Victor D. Dimasin

 [robindimasin.com](https://robindimasin.com)  [RobinPH](https://github.com/RobinPH)  [robin-dimasin](https://www.linkedin.com/in/robin-dimasin)  [robindimasin.social@outlook.com](mailto:robindimasin.social@outlook.com)  +63 (976) 483 4569

## EDUCATION

### Polytechnic University of the Philippines - Manila

2020 – 2024

Bachelor of Science in Computer Science

Magna Cum Laude

DOST-SEI S&T Undergraduate Scholar

### 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