Marlon Martin

Aspiring engineer committed to the development of resilient software applications. With a strong focus on quality and performance to design and build robust solutions that can withstand the demands of real-world scenarios.

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Github	github.com/decimoDev
Website	d7holic.vercel.app

Personal Information

Age	20 years old
Gender	Male
Date of Birth	November 16, 2003
Place of Birth	España, Manila
Nationality	Filipino
Civil Status	Single
Height	6'0
Weight	72 kg

Education

Primary Education	Maybunga Elementary School (MAIN) Maybunga, Pasig City 2009 - 2016
Junior	Eusebio High School Rosario, Pasig City 2016 - 2020
Senior	Rizal High School Caniogan, Pasig City TVL - ICT Programming 2020 - 2022
College	Pamantasan ng Lungsod ng Pasig Alcalde Jose St, Kapasigan, Pasig City Bachelor of Science in Information Technology 2022 - Present

Award

1st Best System Presenter
1st Best System Overall
1st Best System Functionality
1st Best System Design
Problem Solving II
Dean's Lister

Skills

Programming Languages
Java, C++, Go, Python, Typescript

Libraries & Frameworks
React, Next.js, Tailwind, Drizzle Supabase, MySQL, , Zustand, Framer Motion, , NodeJS, Pandas, Numpy, Matplotlib, Seaborn

Tools & Platforms
Git, Github, Vercel, Figma, Sanity

Interest

Running, Basketball, Lifting Weights, Programming, Competitive Programming, Action Movies, Esports

Selected Projects

Predicting Carbon Monoxide Levels
A machine learning project has been undertaken to predict carbon monoxide concentrations

PLP Google Classroom
PLP University Google Classroom Portal with integrated Google Classroom features

@mrlnmrtn
Personal website built with React, Typescript, Tailwind CSS, Framer Motion, and Vercel.

Relevant Exeperience

Rizal High School 2020 - 2022	- JDVP Passer - Developed a cloned front-end website of Vans using HTML, CSS, and Javascript. - During my capstone project, I led the architecture, design, and development of a comprehensive full-stack system application for JMAA, a car rental management system. Leveraging my expertise in Java and MySql for the database, I constructed a robust platform that seamlessly facilitated car rental and return processes, streamlined car status tracking, and provided outstanding customer service.
Pamantasan ng Lungsod ng Pasig 2022 - Present	- Participated in Academical Competition in Java Competitive Programming - Collaborated effectively with a team of six members in the development of a game, taking charge of handling and implementing the functionality for our Ping Pong game using C++ and SFML Library. - As part of my case study, I undertook the architecture, design, testing, and development of a comprehensive full-stack system application for Verdant Vibes, an e-commerce plant shop. By leveraging Java and implementing a local database, implemented a highly functional platform that included robust user authentication, an efficient add-to-cart system, streamlined shipping parcel management, an intuitive shipping tracker, and powerful search functionality. - As part of a case study, I led the development of a university portal with integrated Google Classroom features. Utilizing Visual Basic.NET for the frontend and MySQL for the backend, I managed the entire lifecycle, delivering a seamless user interface and robust backend infrastructure. This project highlights my technical expertise and ability to address complex requirements in educational technology. - As a key contributor to a machine learning project, I played a pivotal role in predicting carbon monoxide levels using the UCI Machine Learning air quality dataset. Employing Python, along with libraries such as Pandas, Matplotlib, Seaborn, NumPy, and Scikit-learn, I successfully implemented and optimized the predictive model, showcasing proficiency in data analysis and machine learning techniques