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.

Address	490 Dr. Sixto Antonio Avenue, Sandoval Compound, Maybunga, Pasig City, Philippines
Contact	(+63) 927-0166-200
Email	marlonadiguemartin548@gmail.com
Github	github.com/decimozs
Website	mrlnmrtin.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