



Vanessa Simanta

Computer Science Student

Contact

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About Me

A fifth-semester Computer Science student at Tarumanagara University with a strong passion for technology. Eager to learn, adapt, and explore new tools and innovations in the tech industry. Committed to continuous improvement and hands-on experience in real-world projects.

Skills

- Adobe Photoshop
- Adobe Illustrator
- Canva
- Figma

Language

- English

Education

Universitas Tarumanagara
Bachelor of Computer Science

2023 – 2027

SMA Kristen Ketapang 3
Major in Natural Science

2020 – 2023

Work Experience

Assistant Lecturer

August 2025 – December 2025

Fundamental Programming Course

- Teaching Structured Programming using C++
- Teaching Object-Oriented Programming (OOP) using Java

Frontend Programming Course

- Teaching core web development using HTML, CSS, JavaScript along with other frameworks & libraries such as Bootstrap, jQuery, React.js

Mobile Programming Course

- Teaching Mobile Application using Dart and Flutter
- Teaching Mobile 2D and 3D Game Development using Unity and C#

Part-Time Teacher

July 2025 – December 2025

Codero Education

- Teaching elementary student on basic programming and algorithms using scratch also with 3D game development using roblox studio.

Assistant Lecturer

February 2025 – June 2025

Backend Programming Course

- Teaching about REST API and databases using JavaScript, Node.js, Express, PHP, Laravel, MongoDB, MySQL. As well as basic tools like GIT and GitHub.

Other Activity

IO Festival 2025 by BEM FTI UNTAR

June 2025

Member of Partnership and Management division

Contributed to the event by managing external partnerships, coordinating with sponsors, and assisting in the overall planning and execution of the festival.

Welcoming Party 2024 by BEM FTI UNTAR

September 2024

Member of Mentor division

Contributed to the event by leading my team along the event and making sure the event went well.

Projects

Thrive Meal

March 2025 – June 2025

Final project of software development course

A food catering website where i contributed by designing the user interface, including the admin dashboard, using HTML, CSS, Bootstrap, and React.js. I also developed core features such as menu management, the order form, integrated payments with Midtrans, and other backend APIs using Node.js and Express. In addition, I handled database integration and management with PostgreSQL. We also applied the Software Development Life Cycle (SDLC) to this project using Agile software development and the Scrum method.

Yummy Taste

November 2024 – December 2024

Final project of frontend programming course

A food recipe website where i contributed by designing the UI using HTML, CSS, and Bootstrap. Additionally, I integrated the front-end with the back-end using JavaScript and AngularJS and developed features such as login, account management, authentication, and subscription using Node.js and Express. I also handled database integration with PostgreSQL.

Dynasty Kitchen

September 2024 – October 2024

Final project of mobile programming course

A food delivery mobile application where the app allows users to browse menus, add items to their cart, place orders, and manage their accounts. I contributed to building the UI using Dart and Flutter. Additionally, I implemented backend features using PHP and Laravel, including user authentication, order processing, and account management, while integrating the data with a PostgreSQL database

Lifestyle Hub

October 2024

A project for frontend programming course

A lifestyle website developed for front-end programming project using HTML, CSS, Bootstrap, and JavaScript. The website features the latest news, fashion trends, and insights on various lifestyle.

Alleyway Muse

May 2024 – June 2024

Final project of backend programming course

A coffee shop blog where users can browse the menu, post testimonials, and explore various coffee recipes to create their own drinks. I contributed by integrating the database with the blog and connecting the back-end to the front-end.