VANESSA SIMANTA
COMPUTER SCIENCE STUDENT

Tomang, West Jakarta | vanessasimanta@gmail.com | +62 851 7985 6038

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.

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   **Febuary 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.

EDUCATION

Universitas Tarumanagara   **2023-2027**

Bachelor of Computer Science | Expected Graduation: 2027

Sekolah Kristen Ketapang 3   **2020-2023**

Major in Natural Science

ORGANIZATIONAL EXPERIENCE

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.

TECHNICAL SKILLS

Programming Languages
HTML, CSS, C++, Java, Python, JavaScript, PHP, Dart, C#

Frameworks/Libraries
Bootstrap, React.js, Next.js, jQuery, AngularJS, Flutter, Laravel, Node.js, Express.js

Databases
PostgreSQL, MySQL, MongoDB

Others
Git, GitHub, Figma, Canva

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
- Developed a coffee shop blog using HTML, CSS, Bootstrap, PHP, and Laravel, allowing users to browse menus, post testimonials, and explore coffee recipes.
- Integrated PostgreSQL database with the blog and connected the back-end to the front-end components.

ADDITIONAL INFORMATION

- **Language:** English.