

Jerenico Franssen Semanuel

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EDUCATION

BINUS University

Undergraduate Student of Computer Science *GPA: 3.83*

Alam Sutera, Tangerang

September 2022 – September 2026

SMAK Terang Bangsa Semarang

Natural Science

Semarang

July 2019 – June 2022

Graduate with the highest diploma score: 90.8

EXPERIENCES

BINUS University

Core Training

Alam Sutera, Tangerang

December 2023 – January 2024

- Participate in one month of training in 6 core subjects.
- Enhance problem-solving, critical thinking, teaching, and public speaking skills.
- Handle daily projects and subject-specific projects every 4 days.
- Learn Algorithms & Data Structures using C; Database Technologies using MySQL, MongoDB, and SQLite; JavaFX for web development using Java; Web Development using HTML, CSS, JavaScript, jQuery, and HTML5 Canvas; Web Programming using Laravel to build dynamic websites; Network Administration using VM Ubuntu and Cisco Packet Tracer.

FEATURED PROJECTS

CinemaXperience *Laravel, Tailwind CSS, Bootstrap*

<https://github.com/jerenicofs/CinemaXperience>

A full-stack web development project aimed at providing a platform for streaming movies and series. It features unique elements such as watch parties and friend lists, allowing users to enjoy movies together. This platform is built to fulfill the user's desire to watch movies collaboratively.

Promptify *Next.js, React, Tailwind CSS*

<https://promptify-pied.vercel.app>

A web-based platform designed to help users search for recommended prompts. The project is structured to facilitate the discovery and use of prompts, resulting in more efficient on creative or task-oriented processes that require initial cues or starting points. Built to enhance my web development skill.

RAiso *C#, .NET*

<https://github.com/jerenicofs/RAiso>

An E-Commerce website specifically designed for the sale of stationery products. This project was developed as part of a Pattern Software Design course.

Sign-Language-Translator *Python, Machine Learning*

<https://github.com/jerenicofs/Sign-Language-Translator>

A research project focused on enhancing sign language translation through eye tracking. This project incorporates Machine Learning, utilizing a Random Forest Classifier algorithm for training. It leverages technologies such as OpenCV for image processing, TensorFlow for deep learning models, scikit-learn for classification, and Mediapipe for hand and gesture detection.

SKILLS

Soft Skills:	Public Speaking, Critical Thinking, Problem Solving, Teamwork, Communication
Programming Languages:	C, C++, C#, Java, JavaScript, Python, PHP
Framework & Libraries:	Laravel, Next.js, React, Tailwind CSS, Bootstrap, ASP.NET
Database Management:	MySQL, SQL Server, MongoDB, SQLite
Languages:	Bahasa Indonesia – Native English - Fluent