Bill Susanto

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EDUCATION

University of California, Irvine, CA — GPA: 3.4/ 4.0
Bachelor's Degree in Computer Science — Expected Graduation: June 2025

TECHNICAL SKILLS

Technologies: Python, C++, C#, Java, Javascript, Golang   **Databases:** MySQL, Supabase, Firebase, MongoDB, PostgreSQL
Frameworks: Next.js, React.js, Node.js, Express.js, Reflex, Flask   **ML/AI:** Pandas, NumPy, Scikit-learn

WORK EXPERIENCE

Pilates ReBar | https://pilatesrebar.com/   Jakarta, Indonesia
Software Engineer   October 2021 - October 2022
- Built a responsive web platform with **Next.js** and **PostgreSQL** for seamless performance and scalable data management.
- Integrated third-party APIs and services to enhance functionality, including payment systems and scheduling features.

theCoderSchool   Pasadena, California
Coding Mentor   August 2022 - October 2022
- Mentored students in **Python**, **C++**, and **C#**, achieving a **95%** satisfaction rate and enhancing their coding skills through immersive, hands-on projects.
- Spearheaded the development of projects in **Unity** and **Roblox Studio**, increasing student engagement by 40% and improving coding proficiency by **30%**.

LEADERSHIP

PERMIAS   Pasadena, California
Tech Director   September 2022 - August 2023
- Designed and created an interactive social website using **React**, fostering a vibrant online community for members.
- Pioneered the development of interactive surveys for diverse club events, enhancing feedback collection.

International Student Center   Pasadena, California
Student Leader   August 2022 - May 2023
- Employed problem-solving skills to provide timely solutions, optimizing a successful experience for international students.
- Acquired proficiency in leadership, effective communication, and teamwork to nurture the next generation of leaders.

PROJECTS

Coba | https://coba-billsusantos-projects.vercel.app/projects   Irvine, California
- Spearheaded the development of a collaborative matchmaking platform designed to enhance student project engagement.
- Utilized modern web technologies, including **Next.js** and **Firebase**, to build a responsive and scalable platform.

Billybot | https://billybot-v1.vercel.app/   Los Angeles, California
- Designed and developed an AI chatbot using **Next.js** and OpenAI API, providing detailed information about my achievements and contributions.
- The chatbot was integrated with real-time data handling, increasing user interaction by **25%**.

Minesweeper AI | https://minesweeper-ai-billsusantos-projects.vercel.app/   Irvine, California
- Built a Minesweeper AI solver in **Next.js** with dynamic board generation and real-time AI gameplay.
- Engineered an AI algorithm that strategically optimizes uncovering safe tiles and flagging mines, achieving **65%** win rate.

Goober | https://github.com/billsusanto/Goober   Irvine, California
- Engineered a scalable search engine capable of processing and indexing **5500** web pages for efficient information retrieval.
- Achieved an impressive query speed of **0.026 seconds**, ensuring rapid and efficient retrieval of search results.

TheraAI | https://github.com/billsusanto/TheraAI   Berkeley, California
- Engineered the front-end interface using **React**, **Streamlit**, and **Figma**, creating an intuitive and visually appealing user experience for real-time interaction.
- Integrated OpenCV with the HUME API on the backend using **Flask**, enabling real-time emotion detection and response through visual inputs.

Website Portfolio | https://billsusanto.github.io/   Los Angeles, California
- Overcame challenges in crafting an interactive portfolio using **Javascript**, **React.js** and **Node.js**, showcasing my journey through creative coding and innovative projects.
- Established a collaborative platform for discussions, identifying opportunities, and scheduling meetings.