

Bill Susanto

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EDUCATION

University of California, Irvine, CA
Bachelor's Degree in Computer Science

GPA: 3.5/ 4.0
Expected Graduation: June 2025

TECHNICAL SKILLS

Technologies: Python, C++, C#, Java, JavaScript, Golang
Frameworks: Next.js, React.js, TailwindCSS, Express.js, Flask

Databases: Supabase, Firebase, MongoDB, PostgreSQL
ML/AI: Pandas, NumPy, Scikit-learn

WORK EXPERIENCE

Pilates ReBar | <https://pilatesrebar.com/>

Jakarta, Indonesia

Software Engineer - Summer Intern

June 2024 - September 2024

- Developed a responsive web application using **Next.js** and **PostgreSQL**, ensuring scalable data handling.
- Integrated third-party services including payment systems and scheduling, enhancing functionality and user experience.

Timur Laut | <https://www.timurlautfoundation.com/program/waste-management>

Jakarta, Indonesia

Software Engineer - Winter Intern

January 2025 - March 2025

- Created and styled a dynamic Waste Management web page with Next.js, improving mobile responsiveness across devices.
- Integrated an email newsletter API, resulting in a **30%** increase in user subscriptions.

theCoderSchool

Pasadena, California

Coding Mentor - Fall Intern

August 2022 - October 2022

- Mentored students in **Python**, **C++**, and **C#**, achieving a **95%** satisfaction rate and enhancing their coding skills.
- Guided development of interactive games using **Unity** and **Roblox Studio**, enhancing student learning engagement.

LEADERSHIP

PERMIAS

Pasadena, California

Tech Director

September 2022 - August 2023

- Designed and launched a **React**-based website to enhance member interaction and event engagement.
- Built interactive survey systems, increasing event feedback responses by **45%**.

International Student Center

Pasadena, California

Student Leader

August 2022 - May 2023

- Delivered support and orientation to international students, improving transition satisfaction.
- Fostered communication and leadership skills through collaborative community initiatives.

PROJECTS

Pilly | www.figma.com

Irvine, California

- Designed and prototyped a medication management app using **Figma** and built frontend with **Next.js**.
- Earned **2nd place** out of 80+ teams at UCI Designathon 2025 for innovation and UI/UX execution.

Billybot | <https://billybot-v1.vercel.app/>

Los Angeles, California

- Developed an AI-integrated chatbot with real-time data handling to showcase personal portfolio and achievements.
- Increased user interaction time by **25%** through conversational UX design.

Minesweeper AI | <https://minesweeper-ai-billsusantos-projects.vercel.app/>

Irvine, California

- Built a real-time AI agent using **React** and **JavaScript** to simulate Minesweeper gameplay with **65%** win rate.
- Engineered board generation logic and optimized decision-making algorithm.

Goober | <https://github.com/billsusanto/Goober>

Irvine, California

- Created a scalable search engine indexing **5,500+** pages with average query time of **0.026 seconds**.
- Implemented efficient web scraping and retrieval algorithms using **Python** and **JavaScript**.

RELEVANT COURSEWORK

- Data Structures and Algorithms** (Recursion, sorting, trees, problem solving)
- Software Engineering** (Git, testing, agile development, team collaboration, team-based projects)
- Machine Learning** (scikit-learn, Pandas, classification models)
- Web Development** (Next.js, REST APIs, Node.js, full-stack projects)
- Databases and Information Retrieval** (MySQL, PostgreSQL, indexing)
- Computer Architecture** (Assembly, memory hierarchy, pipelining)