Jeremy Wijaya

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SUMMARY

Third-year Computer Science student specializing in Intelligent Systems. Proven ability to design and integrate machine learning models into full-stack web applications. Eager to contribute practical AI and development skills to build impactful solutions in an internship role.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, Java

AI/ML Frameworks: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Matplotlib

Web & Databases: Next.js, React, Node.js, REST APIs, Supabase (Postgres), MySQL

Tools: Git, Docker, Jupyter/Colab

PROJECTS

CodeJoin - Interactive Coding Environment — Jul 2025 – Present
Full-Stack Developer (Self-Initiated) — *Next.js, Supabase, Docker, LLM APIs*
- Built a browser IDE with Docker-sandboxed execution for secure, isolated runs.
- Integrated an AI copilot using Google Gemini and OpenRouter APIs for real-time code assistance.

Jernih - AI-powered Water Quality Analysis — Feb 2025 – Jun 2025
Co-developer, AI & Full Stack — *Python, Scikit-learn, Next.js*
- Co-built a water-quality classifier and a web/map dashboard for visualization.
- Achieved 85.37% mean CV accuracy after integrating the ML model.

EXPERIENCE

SASC Scholarship Senior Mentor — Sep 2025 – Present
BINUS University — *Alam Sutera, Indonesia*
- Mentor for 2 mentees; 100-min sessions (10 per semester, including midterm and final). 2 sessions completed on 27 Sep; attendance 2/2. Covered Compilation Techniques 6 of 26 (23%). Created one OneNote note and 8 practice problems; responded within 30 min.

SASC Scholarship New Mentor — Sep 2024 – Jan 2025
BINUS University — *Alam Sutera, Indonesia*
- Mentor for 3 mentees; 10 sessions of 100 minutes with 100% attendance. Led 6 sessions on Algorithm Design and Analysis; supported Database, Object-Oriented Programming, and Computational Physics.
- Produced exam packs (ADA complete; OOP to final; Computational Physics lab; Database final). Created Excalidraw notes for each session and 2 Notion cheat sheets; responded within 30 minutes.

Freshmen Partner — Sep 2024 – Jun 2025
BINUS University — *Alam Sutera, Indonesia*
- Partnered with 9 freshmen; weekly 100-min sessions. Provided Q&A, BGA assignment support, and guidance on project videos using BINUS CX PPT materials; responded the same day.

EDUCATION

BINUS University — Alam Sutera, Indonesia
Bachelor of Computer Science, Specialization in Intelligent Systems — *2023 – Present (Expected 2027)*
GPA: 3.96/4.00

Relevant Coursework: Machine Learning, Data Structures and Algorithms, Natural Language Processing, Deep Learning

Certifications: Microsoft Azure AI Fundamentals (AI-900), Self-Paced Azure AI Basic Fundamental