Heidy Mudita Sutedjo

+62 821-3540-2962 | heidymuditas@gmail.com | Surabaya, Indonesia
linkedin.com/in/heidymudita | github.com/estpoz | Portfolio

EXPERIENCE

Apple Developer Academy @ UC — Surabaya, Indonesia
iOS Developer Cohort 2026 (Onsite) — Mar 2026 – Dec 2026

- Shipped 5 Swift and SwiftUI apps to TestFlight across 5 team projects, reaching 100+ TestFlight sessions with 185 commits and 37 merged PRs.
- Led a 5-person team as project manager for OwlLala, opening 80 GitHub issues and authoring 22 pull requests to take the app from MVP to TestFlight.
- Automated GitHub Projects tracking and set up Xcode Cloud CI/CD for builds, tests, and TestFlight delivery, making project management 2× more efficient.
- Applied spec-driven development with AI coding agents (Claude Code, Codex), writing business-rule and architecture specs before implementation and reviewing every change before merging.

Ciputra University — Surabaya, Indonesia
Student Assistant, Information Systems for Business (Part-time) — Sep 2024 – Jan 2027

- Mentored 49 students across 3 courses and 3 semesters in Java, Java Swing, and Python data mining, helping them debug machine learning and LLM projects.
- Graded assignments, pre-tests, and projects for classes of up to 40 students, giving feedback on code correctness and programming logic.

PROJECT EXPERIENCES

InSync — *iPad app that syncs a live band's setlist with DAW playback (5-person team)* — Sep 2026 – Present

- Architected MIDISync, a CoreMIDI Swift package of 7 components that parses MIDI file markers and decodes MIDI Clock and Song Position Pointer to keep sections in sync with the DAW.
- Delivered host–join session flows with room PINs and invites, a setlist editor, and adaptive iPad layouts across 13 merged pull requests.

Hirelogue — *on-device AI voice interview coach (individual)* — Aug 2026 – Sep 2026

- Developed adaptive mock interviews across 6 Foundation Models and speech services that analyze a job post, ask follow-ups, and return 2–3 strengths and improvements per session.
- Integrated SpeechAnalyzer and AVSpeechSynthesizer into 5 SwiftUI screens, enabling hands-free practice that runs 100% on-device with no server costs.

OwlLala — *accessibility-focused learning app (5-person team, project lead)* — Jun 2026 – Aug 2026

- Coded the child-progress statistics feature with star-based feedback and large Dynamic Type support, and wrote 4 unit tests for it in Swift Testing.

Frog Frenzy — *2D SpriteKit arcade game (5-person team)* — Apr 2026 - May 2026

- Programmed 3 game flows (pause, game-over, high score) plus a centralized audio service and haptics across 49 commits.

HamFocus — *focus timer app with Screen Time app blocking (5-person team)* — Apr 2026

- Configured app blocking with 2 app extensions (DeviceActivity monitor and custom shield) that activate automatically when focus mode starts.

QuickBite — *campus food-ordering app (5-person team)* — Sep 2025 – Dec 2025

- Built an 8-step tenant onboarding in SwiftUI with Firebase Auth, ID verification, store and menu setup, and payouts, saved to Firestore across 36 commits.

LEADERSHIP & ORGANIZATIONS

Ciputra University Orientation Week 2025 — Surabaya, Indonesia
President — Feb 2025 – Aug 2025

- Directed 400+ committee members across 8 divisions from planning to a 6-day orientation for 1,350+ new students.
- Coordinated 8 division heads on program planning, logistics, and on-site execution.

Student Union ISB 2024/2025 — Surabaya, Indonesia
Vice President — May 2024 – Jun 2025

- Managed 45 members delivering 10+ academic, student-development, and competition programs that reached 300+ students and 180+ external competitors.

EDUCATION

Ciputra University Surabaya, Indonesia
Bachelor of Information Systems for Business (Data Science Specialization) 2023 – Oct 2027 (Expected)
GPA: 3.97/4.00

AWARDS

INFORNATION UI/UX Design Competition
1st Place Jul 2026

- Won 1st of 16 teams by researching, prototyping in Figma, and usability-testing a platform linking customers with creative SMEs and event vendors.

ISFEST UI/UX Competition
3rd Place Oct 2025

- Placed 3rd of 20 teams with an inclusive healthcare-support platform matching elderly and disabled users with caregivers.

PUBLICATIONS

JAIC (SINTA 3 Accredited Journal)
First Author Nov 2026

- Benchmarked 3 models (Indo LEGO-ABSA, SeaLLM, Gemma 2) for Indonesian Aspect Sentiment Triplet Extraction with zero-shot and few-shot prompting.
- Published the 7,496-review, 22,431-triplet mixed-domain dataset on GitHub and Mendeley Data for public research use.

ICCRAIDS International Proceedings (IEEE)
Co-Author & Presenter May 2026

- Evaluated IndoBERT and multilingual Transformers for aspect sentiment analysis of Indonesian energy discourse, presented to 153 participants.

SKILLS

- **iOS Development:** Swift, SwiftUI, UIKit, Combine, CoreMIDI, SpriteKit, Foundation Models, Speech, AVFoundation, Screen Time API, Firebase
- **Architecture & Testing:** MVVM, Swift Package Manager, spec-driven development, unit testing (Swift Testing)
- **Tools & DevOps:** Xcode, Xcode Cloud, TestFlight, CI/CD, Git, GitHub, GitHub Projects, Claude Code, Codex, Figma
- **AI & Data:** Python, Machine Learning, Large Language Models (LLMs), NLP, Generative AI, Data Mining, SQL, Java
- **Languages:** Indonesian (Native), English (Professional Working Proficiency)