

AXELEON JUSTIN ALGIANTO

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PROFILE

Second-year Informatics student at Institut Teknologi Bandung (GPA 3.90/4.00) focused on security and web engineering. I want to become an ethical technologist who builds systems that work, stay secure and can be trusted, while I keep learning and give back to the communities I work with. I bring care and attention to detail to every project, from web apps to security tools. My strength is adapting across technical domains; my growth area is depth, which I work on by setting focused learning goals in cybersecurity.

PROJECT EXPERIENCE

RONDA

- An Android app that catches scam APKs the moment they're installed and alerts a trusted guardian, who can uninstall or whitelist them remotely.
- Top 30, HackNusa 2026.
- Tech: Kotlin, Jetpack Compose, Firebase | github.com/angseleong/RONDA

lafaz

- A web app for learning to read the Qur'an by voice.
- Speech recognition (Whisper) runs entirely in the browser, so recordings never leave the device.
- Built with a friend, in development.
- Tech: Next.js, TypeScript, Transformers.js | github.com/adnankurniawann/lafaz

INTEL

- Interactive map that estimates when places on Java's north coast fall below high tide, from satellite-measured land subsidence.
- Tech: React, MapLibre, Python | github.com/angseleong/INTEL

RESEARCH

Implementation of Binary Matrix Operations and the Sliding Window Algorithm for Reverse Engineering Spatial Coordinates in Minecraft Java Edition 1.12.2 Jun 2026

- Discrete Mathematics (IF1220) paper, ITB | [Paper](#) | [Code](#) | [Demo](#)
- Recovers a "hidden" Minecraft base location from one screenshot of the bedrock floor by reversing Java's LCG and matching binary patterns with a sliding window.

EDUCATION

Institut Teknologi Bandung

Sep 2025 – 2029 (expected)

- Informatics Engineering (STEI), GPA 3.90/4.00

ORGANIZATIONAL EXPERIENCE

Inkubator IT – Media Intelligence Associate

Aug 2026 – Oct 2026

- Wrote copy for Inkubator IT's Instagram content.

OSKM ITB 2026 – Frontend Developer

Jul 2026 – Sep 2026

- Built the frontend of the internal dashboard for ITB's annual new-student orientation, used by the committee and mentors.
- Built the club (UKM) directory of the Open House Unit site: the category pages and the club cards that lead to each club's page.

GDGoC ITB – AI Explorer

Jun 2026 – Present

- Hands-on AI learning track.

Aku Masuk ITB 2026 – Event Organizer

Dec 2025 – Feb 2026

- Managed the execution and alignment of MoUs with partners.

ACHIEVEMENTS & CERTIFICATIONS

Competitions: Finalist, geothermal case study competition, Vortex ITB 2026 (2026); Top 30, Human-Centric Security track, HackNusa 2026 (2026)

Certifications: Cyber Security Analyst, CyberWarFare Labs (Oct 2026); Introduction to Cybersecurity, Cisco (May 2026)

SKILLS & TOOLS

Languages: TypeScript, JavaScript, Python, Kotlin, Java, C

Frameworks: React, Next.js, Tailwind CSS, shadcn/ui, Jetpack Compose, Flask

Security & Tools: Burp Suite, Nmap, Wireshark, Firebase, Git, Figma