

Intan Kumala Pasya

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| <https://github.com/tannpsy> | [Portfolio](#)

I'm an undergraduate student with a major in Informatics and focusing on Artificial Intelligence (AI). As a student with a focus on Artificial Intelligence, I'm driven by curiosity and a desire to create meaningful solutions. I'm currently developing my skills through academic projects, research experience, and self learning. Always open to new opportunities that can help me grow and contribute to technology.

EDUCATION

S.Kom, Informatics, President University	2023 - Present
<ul style="list-style-type: none">• Current GPA: 3.92/4.00 (87 credits)• Scored 100 on Duolingo English Test	
SMA NEGERI 1 CIKARANG SELATAN	2020 - 2023
<ul style="list-style-type: none">• Mathematical and Science Concentration• Passes with GPA 88.33/100	

ORGANIZATIONAL EXPERIENCES

Environmental Ambassador - Head of Division (SMA NEGERI 1 CIKARANG SELATAN)	2022 - 2023
<ul style="list-style-type: none">• Led and coordinated cross-functional divisions to ensure tasks aligned with their job descriptions, resulting in a more efficient workflow and role clarity.• Directed and motivated team members to collaborate effectively, which enhanced team synergy and reduced internal conflict.	
President University Major Association - Vice HRD	Oct 2024 - Present
<ul style="list-style-type: none">• Recruited and on boarded new members, streamlining the selection process to ensure candidates aligned with the organization's values and goals.• Supervised and implemented HR development programs, enhancing team skills and improving overall performance through regular training and mentorship.• Acted as a liaison between students and the academic department, effectively communicating student concerns, feedback, and initiatives to improve academic services and engagement.	
Project Manager - Brainstormics 2024 (President University Major Association)	November 2024
<ul style="list-style-type: none">• Led the planning and execution of events from concept to completion, ensuring timelines, logistics, and objectives were met successfully.• Coordinated cross-functional teams and divisions, ensuring clear role delegation and effective collaboration throughout the event lifecycle.• Ensured seamless event operations, resulting in attendee satisfaction and positive feedback.	
Liaison Officer Staff - Temu Alumni 2025 (President University Major Association)	February 2025
<ul style="list-style-type: none">• Acted as the primary liaison between the event committee and guest speakers, ensuring clear communication and smooth coordination.• Established and maintained communication with high school partners to support event participation and logistics.• Managed all speaker-related needs, including accommodations, technical requirements, and scheduling, to ensure a seamless experience for invited guests.	

UNIVERSITY PROJECTS

Celestial - Fashion Website (2024): *Develop for Academic Project.* Collaborated to build and develop a wardrobe website featuring contemporary clothing stores with various sizes and prices. Users can add items to the cart and checkout, while admins manage item types and stock. Built using HTML, CSS, JavaScript, and MySQL as the database.

Pookies - Chatbot Mobile Application (2024): *Developed for Academic Project.* Developed a mobile chatbot app with integrated GPS and Bluetooth features. Built using Java, connected to SQLite for local storage and Firebase for cloud data. Created as part of an academic project to demonstrate real-time interaction and device connectivity.

WellBelle - Medical Chatbot (2024): *Developed for Academic Project.* Implemented a medical chatbot using Python and Naive Bayes classifier to predict potential diseases from user-input symptoms. Integrated text preprocessing and probabilistic classification for accurate symptom analysis. Developed as part of an academic project focused on machine learning applications in healthcare.

RIYA'S - Speech to Text Summarization (2025): *Developed for Academic Project.* Collaborated to build a multilingual speech-to-text summarization system using mT5 and mBART models for transcription and summarization. Supports various languages and integrates a Flask-based web interface for real-time input and output processing. Developed as part of an academic project in natural language processing.

Fire Detection - Autonomous Robotic Car (2025): *Developed for Academic Project.* Designed and built an Arduino Uno-based autonomous robotic car equipped with fire sensors for real-time fire detection and extinguishing. Developed logic for autonomous navigation and response, integrating sensor input and actuator control for fire safety applications. Created as part of a robotics academic project.

RIYA'S - Medical Chatbot and Question Answering (2025): *Developed for Academic Project.* Developed an AI-powered medical chatbot using fine-tuned LLaMA 3.2 (3B) with LoRA and 4-bit quantization. Integrated into a Flutter front-end with Flask backend for real-time medical question answering. Built to demonstrate efficient deployment of large language models in mobile healthcare applications.

Merchandise Center (2025): *Developed for Academic Project.* Collaborated to design and develop a web app integrating AI-based document summarization and sentiment analysis. Built with a Vite React.js frontend, Flask backend, and Firebase for a real-time database. Utilized BART-LARGE-CNN for summarization and DistilBERT for sentiment analysis.

HONORS & AWARDS

Jababeka Scholarship, President University

July 2023 - Present

Ranked 2nd based on academic track

TRAINING & CERTIFICATIONS

English Proficiency Certificate

August 2023 - August 2025

Duolingo English Test

Generative AI for Information System (Thematic Academy)

July 2024

Digital Talent Scholarship

Artificial Intelligence (Talent Scouting Academy)

May 2025

Digital Talent Scholarship

Introduction to Data Science

May 2025

Cisco

SKILLS

Language: Bahasa Indonesia (native), English (Limited Working Proficiency)

Technical Skills:

- **Programming Languages:** Java (OOP, Android Studio), Python, PHP, JavaScript (React.JS + Vite),
- **Artificial Intelligence:** Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Preprocessing and Visualization, Model Evaluation
- **Web Development:** HTML/CSS, Tailwind css, Vite ReactJS, Bootstrap, Laravel
- **Database:** MySQL, Firebase, MongoDB
- **Tools & Platforms:** Blender, Google Colab, Microsoft Office (Intermediate), Git & Github, Postman, Notion
- **Other:** Communication, Leadership, Problem Solving, Time Management, Teamwork