

INTAN KUMALA PASYA

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Final year Informatics student focusing on AI (ML, Deep Learning, CV, NLP). Possess a strong passion for web development (React and Laravel). Currently developing my skills through academic projects, research experience, and self learning. I believe that consistency can yield good results, and I'm eager to apply my skills to impactful projects.

Education

President University - Indonesia Sep 2023 - Sep 2026 (Expected)

Bachelor of Informatics, 3.92/4.00

- Jababeka Scholarship 75%
- Course: Web & Server-Side Programming, Computer Vision, Image Recognition and Preprocessing, Data Structure and Algorithm, NLP, Wireless and Mobile Programming, NLP, NLUG, Software Engineering

Organizational Experience

Vice Head Human Resource Development Oct 2025 - Present

President University Major Association (HIMA)

- Responsible for managing and monitoring members as well as improving communication, teamwork, and decision-making. Effectively communicating student concerns, feedback, and initiatives to improve academic services and engagement.

Brainstormics Project Manager Oct 2024 - Nov 2024

President University Major Association (HIMA)

- Lead and monitor the preparation to the execution of the event. Coordinate with cross-functional teams, ensuring clear role delegation and effective collaboration. Resulting attendee satisfaction and positive feedback.

Liaison Officer Member - Temu Alumni 2025 Dec 2024 - Feb 2025

President University Major Association (HIMA)

- Serve as a liaison between the university and high school as well as students and speakers (Serve around 100+ student from 5 High School). Managed all speaker-related needs, including accommodations, technical requirements, and scheduling, to ensure a seamless experience for invited guests.

Public Relation Member - Company Visit 2025 May 2025 - Jul 2025

President University Major Association (HIMA)

- Providing ideas for content, soundings, and being the contact person for activities (Create 3 Instagram posts, serve around 80 people)

Projects

- **Crackterview – AI Powered Interview** (2025): (Still in progress). Developed an AI-powered interview platform using React for the frontend, Node.js with Express.js for the backend, and MongoDB for data storage. The core functionality relies on Gemini AI to provide intelligent, real-time interview analysis, assisting HR in candidate assessment and users in interview practice. [Github: <https://github.com/tannpsy/Crackterview.git>]
- **Merchandise Center** (2025): Developed a web application featuring AI-based summarization and sentiment analysis. Built using Vite React.js for the frontend and Flask for the backend, with Firebase handling data storage. A key part of the development involved collecting 2,000 data samples using WebHarvy to create the necessary datasets. For the AI models, BART-LARGE-CNN was utilized for summarization, and DistilBERT was employed for sentiment analysis. [Github: https://github.com/tannpsy/RIYAN_shop.git]
- **RIYA’S - Medical Chatbot and Question Answering** (2025): Developed a medical chatbot powered by a fine-tuned LLaMA 3.2 (3B) model with LoRA, providing real-time question and answer capabilities. Implement Flutter frontend for a cross-platform user experience, integrated with Flask backend [Github: https://github.com/RasonYudha4/riya_chatbot.git]
- **Tomato Ripeness - Computer Vision** (2025): Developed an AI-based tomato ripeness detection system utilizing YOLOv8m and YOLOv5m. Trained on the TomatOD dataset to accurately classify tomatoes into unripe, semi-ripe, and fully ripe categories with high mAP accuracy. [Github: <https://github.com/tannpsy/tomatoripeness.git>]
- **Pookies – Chatbot Mobile Application** (2024): Developed a mobile chatbot application in Java, integrating GPS and Bluetooth functionalities. The app utilizes SQLite for efficient local data storage and Firebase for its primary database. OpenAI powers the core AI capabilities, enabling intelligent conversational interactions within the application. [Github: <https://github.com/tannpsy/Pookies-app.git>]

Others

- **Hard Skills:** Python, Java, JavaScript (React, Node.js), PHP (Laravel), HTML, CSS, Machine Learning, Deep Learning, Computer Vision, NLP, YOLO, OpenCV, NLTK, spaCY, Hugging Face, Tensorflow, Keras, Transformers, PyTorch, Data Preprocessing and Visualization, Bootstrap, MySQL, Firebase, MongoDB, Blender, Google Colab, Microsoft Office (Intermediate), Git & Github, Postman, Notion, WebHarvy, Figma
- **Certificate:** Duolingo English Test (Score 100), Generative AI for Information System (Thematic Academy) by Digital Talent Scholarship (July 2024), Artificial Intelligence (Talent Scouting Academy) by Digital Talent Scholarship (May 2025), Introduction to Data Science by Cisco (May 2025), Fundamental Data Science by Digital Talent Scholarship (July 2025)
- **Soft Skills:** Communication, Leadership, Problem Solving, Time Management, Teamwork
- **Language:** Bahasa Indonesia (native), English (DET 100)