

REYNARD ADIMAS NABIL

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EXPERIENCE

Himpunan Mahasiswa Teknik Informatika (HIMATIF) — UPN "Veteran" Yogyakarta

Deputy Head of Interest and Talent

2025 – Now

- Develop work programs that can help channel the interests and talents of computer science students.
- Initiate a national IT competition for students, called Vetrynity.
- Collaborate with various fields within the association.
- Mentor 6 staff members with interests and talents.

Competitive Programming Veteran Yogyakarta (COPVY) — UPN "Veteran" Yogyakarta

Co-Founder & Vice Chairman

2025 – Now

- Initiating a forum for students interested in competitive programming at the UPN "Veteran" Yogyakarta.
- Guiding students to participate in various competitive programming competitions such as Gemastik, Compfest, ICPC, etc.

PROJECTS

Jim The Monkey

Topic: Game Development | **Stack:** Python, Pygame

- Developing a 2D arcade game with procedural map generation features that automatically create unique maze layouts for each game session.
- Implementing object-oriented game logic that includes NPC (enemy) movement systems, audio management (AudioManager), and zoom-in camera animation.
- Building a creative emoji-based visual rendering system for characters and environments, as well as a state management mechanism for winning/losing conditions.

Vegetable Image Predictor

Topic: Machine Learning, Web Development | **Stack:** Javascript, TensorFlow.js, HTML/CSS, TensorFlow

- Developing an AI-based web application capable of identifying 15 types of vegetables (such as broccoli, carrots, tomatoes) using a deep learning model.
- Implementing TensorFlow.js to load and run inference models directly in the browser (client-side), enabling fast predictions without server latency.
- Designing a modern and responsive user interface (UI) with drag-and-drop image features and visualization of prediction results based on accuracy percentages.

Medicall

Topic: Mobile App Development | Stack: Flutter, Dart, Supabase

- Developing a comprehensive healthcare management application that includes patient registration, queue monitoring, and digital medical record keeping.
- Integrating various interactive health calculator tools, such as BMI calculators, estimated due date calculators, and fertility calendars.
- Implementing local data management for drug inventory and patient visit history to ensure fast and efficient data access.

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, C++
- **Frameworks & Libraries:** React.js, Express.js, Pandas, Scikit-Learn
- **Tools:** Git, VS Code, Postman
- **Soft Skills:** Problem Solving, Team Leadership, Komunikasi Efektif

EDUCATION

Informatics — UPN "Veteran" Yogyakarta

2023 - Now

IPK: 3.65/4.00

ACHIEVEMENTS

- **Ranked (38th Place) out of 67 Teams**, ICPC Asia-Jakarta 2025.
- **Ranked (33th Place) out of 452 Teams**, Indonesian National Contest 2025.
- **Winner (3rd Place)**, Competitive Programming, HOLOGY 8.0.
- **Finalis**, Gemastik Div. 1 Pemrograman Tahun 2025.
- **Finalis**, Gemastik Div. 1 Pemrograman Tahun 2024.

LANGUAGES

- **Bahasa Indonesia:** Native
- **Bahasa Inggris:** Professional Working Proficiency