

# Huỳnh Minh Khang

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🌐 <https://github.com/akagiyuu>

🇻🇳 <https://codeforces.com/profile/AkagiYuu>

## Education

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### FPT University - HCMC Campus

Aug 2023–Present

- Group A Bronze medal, National Student Mathematical Olympiad, Apr 2024
- Top 5 Engineering Students, Spring 2024
- ICPC National Participant, Nov 2024

## Projects

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### R.ODE Battle BE

Jun 2024 – Now

- Built scalable real-time scoring & collaborative editor API
- Repo: <https://github.com/F-Code-Club/rode-be-socket-f-code.tech>
- Position: Sub leader.
- Technology: Rust, Docker, AWS S3.

### Gourd Crab Fish Tiger Game

6/2024 – 7/2024

- Gourd Crab Fish Tiger game using Solana's platform as payment method
- Repo: <https://github.com/F-Casino>
- Technology: Rust, Leptos, Solana SDK.

### Smart trash bin

Jan 2025 – Mar 2025

- A smart trash bin system with automatic lid and real-time trash level monitoring
- Repos:
  - <https://github.com/akagiyuu/smart-trash-bin>
  - <https://github.com/iot102-group5/smart-trash-bin>
- Technology: Arduino, React, Tauri, Docker, Github Action.

### Health care system

Nov 2023 – Dec 2023

- A health care system based on heart rate and SPO2.
- Repo: <https://github.com/akagiyuu/health-care>
- Technology: Arduino, React Native.

## Skills

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- **Programming:**
  - **Language:** Rust, Python, C, C++, C#, Go, Lua, Ocaml, Assembly, Typescript, Java
  - **Tool:** Git, Docker, Docker compose, Kubernetes, Vim, Linux.
- **Math:** Calculus I-III, Real Analysis, Complex Analysis, Linear Algebra, Number Theory, Probability and Statistics.
- **Soft skills:** Time management, Problem-solving, Teamwork
- **Foreign language skills:** English (Intermediate, IELTS 7.0)