Nattanan Jeungtanasirikul

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SUMMARY

Competitive programmer with experience developing scalable web applications and teaching data structures and algorithms at POSN camp.

EDUCATION

- **Chulalongkorn University** – B.Eng. Computer Engineering, 2025 – present | Expected 2029

AWARDS

- **1st Place** - The 19th Thailand Olympiad in Informatics (TOI19), 2023
  - National competition in algorithms and programming among high school students.
- **Gold medal** - The 7th China (Shanghai) International Invention & Innovation Expo 2024
  - Integrated object detection and velocity estimation algorithms into the project's model.

SKILLS

- Languages: C++, Python, Typescript, Go
- Library / Frameworks: React.js, Next.js, Tailwind, Express
- Database: PostgreSQL
- Tools / Services: Git, Docker, AWS

PROJECTS

- **Exprec – Expense Tracking Website**
  - Developed Next.js frontend, providing dashboard and expense visualization.
  - Built a Go backend with clean architecture, Fiber REST APIs, and PostgreSQL via GORM. Integrated Google OAuth authentication for login/registration.
  - Used AWS including Aurora, Lambda, API Gateway, ECR and ACM.

ACTIVITIES

- **Teaching Assistant – BUU POSN Camp (2023 – 2025)**
  - Instructed high school students in data structures and algorithms, and designed competitive programming problems for contestant selection.

LINKS

- Github: github.com/KimNattanan
- Portfolio: nattanan.kim