

# Tanadol Jaichuen

☎ (+66)97-276-4321 | 📍 Phayathai, Bangkok | ✉ tanadol.jc@gmail.com | 🌐 Github.com/tanadoljc

## SUMMARY

Motivated Computer Engineering student with a strong foundation in data engineering. Experienced in database design, optimizing data workflows and demonstrating problem-solving skills, leadership, and teamwork abilities.

## EDUCATION

### Chulalongkorn University

2022 – Present

Bachelor of Engineering in Computer Engineering.

Relevant Coursework: Data Engineering/Science, Database Systems, Data structure, Algorithm Design

## EXPERIENCE

### Engineering Faculty's Central Database

Aug. 2024 – Present

*Team Leader & Coordinator*

*Chulalongkorn University, Thailand*

- Gathered requirements and essential data schema from each department through in-person user interviews.
- Formulated a comprehensive conceptual design, including SIPOC and ER diagrams, to represent all departmental processes in a unified representation and mapped into relational database schema while ensuring data consistency.

### CP&CEDT Database Systems

Nov. 2024 – Present

*Teacher Assistant*

*Computer Engineering Faculty, Thailand*

- Assisted in teaching and mentoring students in Database Systems Design, providing guidance on database modeling, normalization, and SQL programming, while supporting the instructor with coursework preparation and grading.
- Designed the final exam to evaluate comprehensive understanding of database concepts and practical applications.

## PROJECTS & ACHIEVEMENTS

### Mycourseville's TCAS E-portfolio – Team Leader

Oct. 2023 – May 2024

- Maintained E-portfolio website to gather student works for evaluation purposes, serving as a full stack developer.
- Designed database to minimize maintenance, enabling integration with other projects without modifying the code.

### Aihack Thailand 2024, AI Hackathon – Team Leader

December 2024

- Created a machine learning model to identify long-overdue debtors by analyzing personal financial data and more.
- Conducted data cleaning, preprocessing, and analysis using linear models to enable risk assessment insights.

### ProgMeth Station (Thinc's 10 Days Project) – Coordinator

October 2023

- Created dynamic website designed for selling and buying ProgMeth's java games, focusing on back-end developer.
- Collaborated with the front-end team and developed APIs to enable integrate databases with cloud services.

### Thailand Computer Olympiad Camp – Teacher Assistant

2022 – 2023

- Won a Bronze Medal in the 17th Thailand Olympiad in Informatics (TOI), a national-level competition featuring the top 90 students in Thailand, showcasing excellence in competitive programming and systematic analysis.
- Taught and set evaluation exams to assess student knowledge regarding Data Structures and Algorithm design.

## EXTRACURRICULAR ACTIVITIES

### LohitClub Volunteer Camp

December 2024

- Served as the head of construction department, planning and organizing daily activities and schedules to ensure smooth execution of camp objectives aimed at improving living conditions in northern indigenous communities.

### FunFueng Camp

May 2024

- Organized a camp to teach high school students through hands-on activities, while also serving as HR coordinator.

## SKILLS & MISCELLANEOUS

### Technical Skills

Programming Languages: Python, C/C++, Java, Scala, SQL/noSQL (Postgres, MySQL, Snowflake, MongoDB)

Tools and Technologies: ETL/ELT, Spark, Airflow, Docker, Git, Tableau

Languages: Thai (Native), English

Interests: Automation, Hackathons, Data Visualization Integration, Community Building (Volunteer)