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 demonstating 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)

CHULALONGKORN UNIVERSITY
BANGKOK 10330
THAILAND

NAME	Tanadol Jaichuen
IDENTIFICATION NO.	1 2299 01088 43 3
NATIONALITY	Thai
FACULTY	Engineering
DEPARTMENT	Computer Engineering
PROGRAM	–
FIELD OF STUDY	Computer Engineering
CONCENTRATION	–
DEGREE	Bachelor of Engineering

STUDENT ID 653 20847 21

BIRTHDATE Sep 13, 2004
ADMISSION Jul 10, 2022 (B.E. 2565)

GRADUATION

COURSE NO.	NAME	CREDIT	GRADE
	1ST SEMESTER 2022		
2100111	EXPLORING ENGINEERING WORLD	3.00	A
2110101	COMPUTER PROGRAMMING	3.00	A
2301107	CALCULUS I	3.00	C
2304103	GENERAL PHYSICS I	3.00	C+
2304183	GENERAL PHYSICS LABORATORY I	1.00	A
3401102	TAX LAW IN DAILY LIFE	3.00	A
5500111	EXPERIENTIAL ENGLISH I	3.00	B+
19.00	19.00 3.37 19.00 19.00 3.37	64.00	
	2ND SEMESTER 2022		
2110215	PROGRAMMING METHODOLOGY I	3.00	C+
2110221	COMPUTER ENGINEERING ESSENTIALS	3.00	A
2301108	CALCULUS II	3.00	B+
2302127	GENERAL CHEMISTRY	3.00	C+
2302163	GENERAL CHEMISTRY LABORATORY	1.00	B
2304104	GENERAL PHYSICS II	3.00	D+
2304184	GENERAL PHYSICS LABORATORY II	1.00	B
5500112	EXPERIENTIAL ENGLISH II	3.00	B
20.00	20.00 2.85 39.00 39.00 3.10	121.00	
	1ST SEMESTER 2023		
2110202	DISCRETE STRUCTURES AND COMPUTABILITY	4.00	C+
2110211	INTRODUCTION TO DATA STRUCTURES	3.00	B+
2110251	DIGITAL COMPUTER LOGIC	3.00	C
2110263	DIGITAL COMPUTER LOGIC LABORATORY I	1.00	B
2603284	STATISTICS FOR PHYSICAL SCIENCE	3.00	A
2750178	LIFELONG LEARNING	3.00	A
3200106	FUNDAMENTAL ORAL BIOLOGY FOR ORAL HEALTH	3.00	A
20.00	20.00 3.28 59.00 59.00 3.16	186.50	
	2ND SEMESTER 2023		
2110201	COMPUTER ENGINEERING MATHEMATICS	3.00	C+
2110292	INDIVIDUAL STUDY IN COMPUTER ENGINEERING II	1.00	A
2110316	PROGRAMMING LANGUAGES PRINCIPLES	3.00	B+
2110327	ALGORITHM DESIGN	3.00	A
2110356	EMBEDDED SYSTEM	3.00	C+
2110366	EMBEDDED SYSTEM LABORATORY	1.00	A
2305100	NATIONAL RESOURCES	3.00	A
5500208	COMMUNICATION AND PRESENTATION SKILLS	3.00	B
20.00	20.00 3.33 79.00 79.00 3.20	253.00	

COURSE NO.	NAME	CREDIT	GRADE
	1ST SEMESTER 2024		
0201110	SICHANG STUDY	3.00	X
2110203	COMPUTER ENGINEERING MATHEMATICS II	3.00	W
2110233	COMPUTER ENGINEERING MATHEMATICS LAB	1.00	X
2110322	DATABASE SYSTEMS	3.00	X
2110335	SOFTWARE ENGINEERING I	3.00	X
2110352	COMPUTER SYSTEM ARCHITECTURES	3.00	X
2110363	HARDWARE SYNTHESIS LABORATORY I	1.00	X
2110391	INDIVIDUAL STUDY IN COMPUTER ENGINEERING III	1.00	X
2110500	TEACHING ASSISTANT	0.00	X
2110581	BIOINFORMATICS I	3.00	X

Sureerat

จุฬาลงกรณ์มหาวิทยาลัย

Mana S.

(Prof. Dr. Mana Sriyudthsak)
REGISTRAR
DATE November 29, 2024

NOT VALID WITHOUT UNIVERSITY SEAL

1320902854477