Thanadol Chitthamlerd

Computer Engineering
Chulalongkorn University
GPAX 3.87

Contact

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Thanadol Chitthamlerd

Education

2020 - 2024
B.E. Computer Engineering
Chulalongkorn University
GPAX 3.87

2016 - 2019
Triam Udom Suksa School
GPAX 3.43

Technical Skills

- **Programming Language**
  Go Rust C# Java
  HTML CSS TypeScript

- **Framework**
  Fiber Gorm NestJS Poem
  React Angular Next.js

- **Machine Learning**
  Python Numpy Pandas
  Tensorflow Pytorch JAX

- **Database**
  Sqlite MySQL PostgresSQL
  MongoDB

- **Game Development**
  Unity Renpy Blender

Language

English (Proficient)

Thai (Native)

Experience / Projects

click to open link

PTTEP-BIF (PTT's project) | Go Postgresql MinIO OpenAPI Testcontainers
- Developed new backend for eDNA Project under PTT Public Company Limited
- Designed robust codebase by integrating tools to reduce duplication and misalignment
- Written automated unit and integration test applying Testcontainer

Internship at OxygenAI | Go OpenAPI Timescale
- Developed new backend for time-series data visualization
- Optimized data query and fetching to at least 5x faster

Teacher Assistant for Database Systems course
- Assisted in Database Systems course by facilitating environment and clarifying questions

Web Application for Student Council of Chulalongkorn University | Go Gorm GraphQL
- Contributed in development of GraphQL backend for SCCU, web application intended for managing student council of Chulalongkorn university

Chula Larngear Camp 20th Website | React TS SCSS
- Implemented landing page for "Larngear Camp" registration website, used by approximately 3,000 high school students

Chula Intania First Date 2020 Web Application | Angular Firebase
- Developed a crowds control web application for "Chula Intania First Date"

Published AI Research with KMITL Robotic and AI professor
"Meta-Learning-Based Physics-Informed Neural Network: Numerical Simulations of Initial Value Problems of Nonlinear Dynamical Systems without Labeled Data and Correlation Analyses"

WigglePaw web application | NextJS Trpc Docker S3 Omise Cypress Vitest
- Developed web application for Software Engineering II course
- Integrated external API such as Omise, and S3
- Deployed the web application with database, object storage, and payment gateway
- Written docker-compose, git hook, and CI pipeline for development infrastructure
- Setup automatic documentation and testing

Competition / Award

Anachronic (1st place Game Talent Showcase 2023)
- Won 1st place (Talent of the Year 2023) and "Best of Technology" in Game Talent Showcase 2023

The Nameless Maid (Finalists in Game Talent Showcase 2022)
- Made to 30 finalists of Game Talent Showcase 2022
- Collaborated in development of 11-man game development project

TraffyFondue image classifier (Top 5 leaderboard)
- Achieved top 5 on leaderboard in contest of image classifier from real-world TraffyFondue dataset

Data Science Home Hackathon 2019

Gold medal in SILLAPA's web application 2017 (Bangkok Region)
- First place in bangkok region on student paired web application development competition

University / Social Activities

- An active staff member of the Games Research and Development club (2020 - 2024)
  - Participated as club staff in campus activities (CU First Date, Club Mania)
- Member of the Thinc. club, Chulalongkorn University (2020 - 2024)