Mahnun Saratunti

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[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

EDUCATION

University of Glasgow — Glasgow, United Kingdom
BSc Honours in Software Engineering – Computer Science — *September 2023 – May 2025*

King Mongkut's Institute of Technology Ladkrabang — Bangkok, Thailand
BEng in Computer Engineering – Software Engineering — *August 2021 – August 2023*
- Cumulative GPA: 3.83/4.00

Relevant Courses:
- Data Structures and Algorithms
- Information Systems and Databases
- Software Engineering Principle
- Advance Object-Oriented Programming

EXPERIENCE

Amity — Bangkok, Thailand
Front-end Developer Intern (NextJS, TypeScript, MUI) — *May 2023 – August 2023*
- Developed a new workforce management system for Royal Thai Police
- Built components/forms/pages for evaluating KPI, creating, updating, displaying arrest warrants as well as generating arrest warrant files for export, etc.
- Integrated APIs with back-end for populating arrest warrant and dashboard data
- Fixed defects on form validations, incorrect design layouts, logical errors, and more

PROJECTS

Manganato-cli (Go, GoColly, GoCUI) – [GitHub](#)
- Developed a Japanese manga downloader that runs on Mac's Terminal
- Used Go Colly web scraping library to collect data from manganato.com
- Used GoCUI for display the program in minimalist manners

Movie Tracker (Python, TKinter, PostgreSQL) – [GitHub](#)
- Developed a desktop GUI app for managing a movie list, using TKinter
- Retrieved movie data from TMDb API
- Stored user data in Heroku's PostgreSQL database
- Featured with light and dark mode

Multiplayer Thai Chess (Java, Java Swing) – [GitHub](#)
- Developed a Desktop Thai Chess Game using Java Swing
- Implemented many algorithms such as for capturing and checking
- Allowed players to play together via web socket

3D Projection Engine (C++) – [GitHub](#)
- Implemented simple graphics library using C++ for displaying in Mac's Terminal
- Developed an engine to display 3D shapes onto 2D the terminal screen

SKILLS

Languages: Thai (Native), English (Fluent)
Programming Languages: Python, C, C++, Java, JavaScript, TypeScript, Go
Frameworks and Libraries: ReactJS, NextJS, NodeJS, ExpressJS, TailwindCSS, Material-UI, TKinter, Qt, NumPy, Java Swing
Other Tools: MongoDB, PostgreSQL, Git, GitHub, GitLab, VS Code, Apache Net Beans, Firebase, Postman, Jira, Figma

INTERESTS

- Solving data structure and algorithm problems
- Tech updates
- Gaming