

Aingthawan Khruakhlai

B.Eng Computer Engineering

Bangkok, Thailand

Contact

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aingez.github.io

Education

B.Eng. Computer Engineering, KMUTNB
4th year (Expt. Grad. mid 2025)

Voc. Cert. Pre-Electrical Engineering (EP)
KMUTNB Pre-Engineering School
Graduated April 2020

Military Status : Exempted

Language

- Thai (Native)
- English

Skills

- Full-Stack Development
- Database SQL
- Docker
- Embedded System
- FPGA VHDL
- Computer Networking
- General Fabrication
- Dis/Assembly Stuff
- General Elec./Mech. Drawing/CAD
- Linux

Hobby

- Hiking / Travel
- Sim-Racing
- 3D Printing
- Maker

Certifications

- Microsoft Certified: Azure Fundamentals (AZ900)
- Basic Motorcycle Maintenance Course
- NAUI Open water diver

Interest

- Automation
- Design
- Rally Racing
- Classic Cars & Bikes

Hi, I'm Aing – a soon-to-be Computer Engineering graduate with a growing passion for working in both hardware & software. I'm excited to kick off my career in this year and aim to bring my engineering and tech skills to your team.

Experience

Internship

- Siam Toyota Manufacturing (STM) – Aug–Nov 2024
 - Developed a full-stack in-house WMS web app to replace Excel-based inventory tracking
- Huawei Technologies (Thailand) – Jan–Apr 2025
 - IP Service Engineer Intern: Supported enterprise clients with mentor and studied Huawei SD-WAN solution implementation

Projects

- Python Search Engine Web crawler
 - data pipeline, ranking system, GUI w/ spatial visualizer
- FPGA VHDL N-bit Calculator
 - Built on Terasic De0-CV board
- FPGA coursework
 - 32-bit ALU Simulation, N-bit Calculator
- Arduino Morse Decoder
 - Real-time light sensor input decoding
- IoT Accident Monitor
 - ESP8266 + gyro + GPS + Line Notify alert system
- EVAT x EGAT E-Motorcycle Conversion (2022)
 - Design, restore, assemble, wire & CAD/fabrication of parts

Side Project

- 3D Printing
 - Built and troubleshot Voron 2.4 V2.6663 (FFF type)
- Workshop Skills
 - General Mechanical tools, electronics lab instruments