

Aingthawan Khruakhlai

Computer Engineering Student

Bangkok, Thailand

Summary

With knowledge from Pre-Engineering degree and currently pursuing Computer Engineering Degree, my aim is to get into an internship that can allow me to apply my knowledge and gain experience from real-world application. I'm currently interested particularly in Robotics, Automations, IoT and Software fields.

Contact

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 [Aingthawan K.](#)

Education

- KMUTNB (Currently Study 3rd year)
 - B.Eng.
 - Computer Engineering
 - GPA: 3.29 / 4.00
- KMUTNB Pre-Engineering School
 - Voc. Cert.
 - Pre - Electrical Engineering (EP)
 - GPA: 3.17 / 4.00
 - Graduated April 2020

Language

- Thai (Native)
- English

Skills

- Python / C / Ruby
- VHDL / Quartus Prime
- SQL
- Docker
- Tableau
- Linux / Mac / Windows
- SLDC / Agile
- CAD / Engineering Drawing
- Microcontroller
- FDM 3D-Printing

Other

- Hobby
 - Tinkering / Maker
 - Hiking / Travel
 - Gaming
- Interest
 - Robotics
 - Automation / IoT
 - Solarpunk
 - Car & Bike
 - brAun / Bauhaus design

Experience

- Search Engine Project with Python
 - Web Crawler and Scraping
 - Data Pipeline and Indexing
 - Search and Ranking
 - GUI and Spatial Visualize
- FPGA VHDL Project
 - N-bit Calculator Program
 - Design to work on Terasic De0-cv FPGA board
 - Taking two n-bits input to do basic operation
 - Computer Organization Coursework
 - Write a program to simulate
 - 32-bit ALU Unit
- Arduino Light Morse Code Decoder Mini Project
 - Receive input with light intensity sensor
 - Decode character out in realtime
- IoT Smoke Detector
 - Integrate Esp32, Raspberry Pi, and Zigbee device
 - via Zigbee2MQTT
 - Discord Notify and Chart Report
- EVAT x EGAT Electric Motorcycle Conversion Contest 2022
 - Overall conversion design / restoration
 - CAD design of conversion part and Fabrication
 - Assembly and Wiring
- Technical Experiences
 - FDM 3D-Printing
 - Troubleshooting
 - Build Open Source Core-XY Printer (Voron 2.4)
 - Workshop
 - Hardware
 - Workshop tools usage
 - Electrical
 - Electronics Lab instrument
 - Wiring

Certifications

- Microsoft Azure Fundamentals
- NAUI Open water diver
- Basic Motorcycle Repair & Maintenance short course