SIWAKORN BOONPAMEE

ABOUT ME

Graduated in 2021, Majoring in Computer field and having strenuously interests in Embedded System like IoT, Back-end, also Machine Learning field ,such as Object Classification and Detection. As for my personalities, I considered myself as adaptive, creative, open-minded, tolerant, good interpersonal, and one of the most important is that I am always willing to amend myself.

EDUCATION

Bachelor of Engineering
Majoring in Computer Field
at King Mongkut's Institute of Technology Ladkrabang (KMITL),
Bangkok, Thailand.
Cumulative GPA : 3.31

CONTACT ME

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GitHub: siwakornB

My Portfolio Website

EXPERIENCE

Games Development
Project Assignment | 2017 - 2018
Two 2D shooting game, first, "Rambo", was developed in C++ using SFML library, which was written in Object Oriented methodology, fighting with logical bot. Another one is " Asteroid", similar to other Asteroids game, was developed in Java using JavaFX library as GUI.

Web Application Development
Group Assignment | 2020
This Web application was developed with Node.js along with React.js, Then deploy it on GitHub. I did all the backend with a little bit of frontend.The purpose is to present a state-machine simulator of brewing machine.

Package Management Web Application
Internship | 2020
Developed a Web-Application about Package management for Engineering faculty during internship ,using Laravel framework and MySQL database, and deploy on Windows Server via github and IIS.

Individual and Object Detection on CCTV records
Graduation Project | 2020-2021
In order to pursue the suspect from a numerous CCTV records, My team and I have developed a program script base on power of YOLOv4 algorithm to help the authorities pursue the individual of interest with less time consumption and resources with individuals' properties such as shirt, bag, backpack, and colour.

Embedded System and IoT
Mini Project Assignments | 2017 - 2021
Line tracking Car and RC car
FM Data Communication
Controllable Smart Air purifier
Automated COVID-19 gate system
FPGA and Arduino related projects.
etc.

SKILLS AND ABILITIES

Languages
- Thai – Of course, I am a native.
- English - Not as good as native, but considerably good.
- Capable of many Programming Language ,for example ,Java ,C , C++, Python, JavaScript (Node.js with React.js), Assembly ,PHP, VHDL.
- HTML and CSS
- SEQUEL or SQL

Framework and Others
- Laravel7
- Some Exp of Django.
- Matlab
- IOS for cisco devices.
- Linux
- Jupyter notebook
- Understanding of fundamental Network.
- NumPy, Pandas, Pillow, OpenCV2, Matplotlib.
- Amateur with ROS (Robotic Operation System).
- YOLOv4 with Darknet and SSDmobilenet.
- Adobe XD, Photoshop, Editing with Adobe Premiere Pro.
- Figma for UX/UI design.
- All the well-known Microsoft office suite programs.