



# PIRUNRAT KAEWPHANOAW

## PROFESSIONAL EXPERIENCE

November 2019 – January 2021

**Production Engineer at Berli Jucker Cellox Limited Company**

While working at BJC Cellox, I was responsible for projects. I worked as a project engineer for machine installation project. Thereafter, I created a prototype program that is capable of identifying objects. The objects are three types of softpack tissue paper. By using Labview, the program successfully achieved the objective.

February 2021 – September 2021

**Engineer at AAPICO Hitech co.,ltd**

During the probation period, I was assigned two projects, one is Grafana dashboard and the other is dashboard web application. Grafana dashboard is an opensource web application that draws data from database by using query commands and dashboard web application is created by using javascript framework, Express.js and HTML,. Thereafter, I had a great opportunity to collaborate with production team to create a vision system. In this project I am responsible for software part and selected python and opencv as the software. For now, the project is almost done.

October 2021 – Present

**Process Engineer at FABRINET**

As a process engineer, I'm responsible for a special process called Active Alignment Process. Active Alignment Process is a process that is concerned with optical components. The aim of the process is to adjust optical components ( Usually Lenses) in the position in which the power of laser or other light source passing through reaches its peak by using automatic machine. Moreover, I need to be able to set up and maintain the machine. I also have a great opportunity to get involved in a process improvement project. The purpose is to build a software to automate a process that was previously a manual process. In Fabrinet, there is a database system center which is available for any process that needs to store data collected from one's own process. The database system has APIs (Applicable Programming Interface) which is available for any engineer who is capable of programming to create a software to upload and query data from the database system. For this, I create a software by using visual studio C# that is capable of uploading and querying data to the database system.

## EDUCATION

**Kasetsart University, Sriracha Campus**

August 2013 – May 2017

**Bachelor of Engineering in Mechanical and Manufacturing Engineering**

**Kasetsart University, Bangkok**

January 2018 – May 2019

**Master of Engineering in Mechanical Engineering**



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## SKILLS

- Python
- C#
- SOLIDWORKS
- Microsoft Applications
- LABVIEW
- PLC

## LANGUAGES

- ENGLISH

## HOBBIES

- Reading
- Learning Technologies
- Programming
- Sports