



Peeranath Theerawatanachai

Computer Engineering (Undergraduated)

Objective: To take an important role in the company as a computer engineer by making a significant contribution in multiple disciplines, develop Machine Learning, analyzing data to improve products and technologies that satisfy customer needs.



085-044-0181



peeranath2544@gmail.com



48280



Peeranath Theerawatanachai



99/90 Supalai Montara, Phutthamonthon Sai 1 Road, Chim Phli, Taling Chan, Bangkok

Work Experience

Chulalongkorn University | Individual Study III Subject | August 2021 - Present

Automatic Speech Recognition Project

- Learns and practices basics of Convolutional Neural Networks (CNN) and Recurrent Neural Network (RNN)

The Siam Cement Group (SCG) | Internship | June 2021 - August 2021

WEDO Young Talent Program

- Worked collaboratively with groups of interns in the company
- Created a web application named "Puenrujai" that can detect user face emotion and respond back with the appropriate words

[Click here to see a source code.](#)

[Click here to see a certificate.](#)

Chulalongkorn University | Individual Study II Subject | January 2021 - May 2021

Computer Vision Project

- Learned basics of Convolutional Neural Networks (CNN)
- Created a machine learning model to predict the location of CMV virus in each picture frame using YOLOv5

[Click here to see a source code.](#)

[Click here to see a document.](#)

Chulalongkorn University | October 2020 - April 2021

Chula LegalTech Year 2 (E.L.C. Team)

- Joined "Chula LegalTech Year 2" competition which made by the Faculty of Law, Chulalongkorn University about using technology along with law to something new
- Created a web application named "MIN MAI MIN" which use a machine learning model to predict that the word that you write into the message box is libel or not
- Passed the qualification to the last round (14 teams) and got a 3rd winner price

[Click here to see a source code.](#)

[Click here to see a certificate.](#)

Educational History

August 2019 - Present

Chulalongkorn University

- Studies in Computer Engineering (GPAX 3.84)

Skills Summary

- Languages
 - Thai (Native)
 - English (Basic)
- Computer Programming Language
 - Python (Fluent)
 - Java (Basic)
 - C++ (Basic)
- Computer Skills: Codeblocks, Thonny, Eclipse, Jupyter Notebook, Visual Studio Code, Google Collaboration



Chulalongkorn University | Individual Study I Subject | August 2020 - December 2020

Machine Learning Project

- Learned and practiced basics of machine learning
- Created a machine learning model to predict Parkinson's disease from each person's features such as age, clock drawing, TMSE score, gender, etc.
- Applied CNN to predict an abnormal clock drawing

[Click here to see a source code.](#)

[Click here to see a document.](#)

Chulalongkorn University | Programming Methodology Subject | January 2020 - May 2020

Game Project (Dota2 but Tap Titan)

- Learned basic Java programming about OOP, Inheritance, FX
- Created "Dota2 but Tap Titan" games with Java programming which is the game that has the rules like tap titan game but adds some characters in Dota2 in it.

[Click here to see a source code.](#)

[Click here to see a document.](#)

Reference available upon request