



# 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.

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## Work Experience

**Chulalongkorn University | Individual Study III Subject | August 2021 - December 2021**

### CNN Project (Chest X-ray)

- Learned and practiced basics of Convolutional Neural Networks (CNN)
- Created a machine learning model to predict Tuberculosis from chest X-ray images

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

### WEDO Young Talent Program (Puenrujai)

- 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

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

### Computer Vision Project (CMV Virus)

- 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

**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

## 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, Java, C++, SQL, JavaScript (React), HTML
- **Computer Skills:** Codeblocks, Eclipse, Jupyter Notebook, Visual Studio Code, Google Collaboration, SQL Workbench, Node.js, Docker

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

### ML Project (Parkinson's disease)

- Learned and practiced basics of machine learning (ML)
- 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

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

### Game Project (Dota2 but Tap Kappa)

- 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.

Link to work experience reference:  
<https://github.com/Zeno-PT/Resume>



Reference available upon request