

YATHIP TAKAHASHI

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ACADEMIC BACKGROUND

Chulalongkorn University, Thailand

2018 – 2022

- Faculty of Engineering, Department of Electrical Engineering, B.E. (GPA: 3.56)
- **Relevant Courses:** Computer Programming, Image Processing, Embedded Systems, Data Communication

EXPERIENCE

Undergraduate Project

August 2021 – May 2022

Faculty of Engineering, Chulalongkorn University

Experienced in image super-resolution tasks by improved the quality and realism of upscaled face images by a factor of 8 obtained from neural networks using deep learning techniques

Internship 5G AI / IoT Innovation Center

June – July 2021

Developed an IoT devices control website using React and implemented machine learning models for a text-to-speech application for a customer's company, achieving a 93% correctness in Thai

CERTIFICATIONS

Deep Learning Specialization Certificate

June 2022

Course authorized by DeepLearning.AI through Coursera

Examined deep neural networks, applying them to recognition tasks, optimizing algorithms for image, video, and NLP applications.

Google Data Analytics Professional Certificate

May 2021

Understanding of processes, key analytical points, and tools including organizing data, completing analysis with programming and visualization.

Financial Markets

August 2020

Course authorized by Yale University through Coursera

Understanding of marketing, behavioral finance, and risk management for the real-world functioning of securities through case-based psychology of investing.

EXTRACURRICULAR ACTIVITIES

WordPress For Own Business Purpose

January 2022–Present

Owning and self-created a private tutor website using WordPress tools

KPMG Business Case Competitor

March 2021

Participated in a group of over a hundred business case challengers on the topic of SDGs to propose practical strategies for a targeted company to survive in the modern world.

Information and Intelligent Systems Project Competition

April 2019

Competed among engineering students, investigated the effects of weather on daily life, and designed a prototype of a weather forecast application.

SKILLS

- **Computer Skills:** (Proficient): Python, PyTorch, HTML/CSS, SQL, MATLAB
(Familiar): JavaScript, React, C
- **Languages:** Thai (native), English (IELTS 7), Japanese (JLPT N2)