

Yeung Pak Ming

Curriculum Vitae



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SIDE PROJECT

SEP 2024 - Now

Hand Gesture Control

Real-time hand detection and tracking, and then control the computer mouse based on hand gesture identified in the live video stream.

Using OpenCV for video input processing, MediaPipe for real-time hand landmark detection and tracking, and further processing landmarks to enable computer mouse control with PyAutoGUI.

PROFESSIONAL CERTIFICATES

AUG 2024

OpenCV Bootcamp

OpenCV University

- Image manipulation and feature detection using OpenCV

AUG 2024

Certificates in Machine Learning

Kaggle

- Computer Vision, Feature Engineering, Intro to Deep Learning, etc.
- Fundamentals of machine learning, built a CNN with Keras

DEC 2023 - SEP 2024

CS50's Intro to Programming with Python

Harvard University | edX

- Practice of writing unit tests, and OOP for organized and reusable code structures

FEB 2024 - Now

Django for Everybody Specialization (2/4)

University of Michigan | Coursera

- Fundamentals of building a website using Django

PERSONAL WEBSITE

 **GitHub.io**

EDUCATION

2019 – 2023

B.Sc. in Physics

The Chinese University of Hong Kong

EXPERIENCE

JUL 2024 - Now

Junior Export Operation

Charter Link

Supported senior team with export tasks, learning about shipping and communication with global clients.

AUG 2022 - DEC 2022

Student Researcher

The Chinese University of Hong Kong

Molecular Dynamics simulations and applications on SARS-CoV-2 study, I gained insights into the significance of programming in scientific research.

SKILLS

Language:

Cantonese / English / Mandarin / Japanese (Limited)

Programming:

Python / SQL / C / \LaTeX

Most-used:

mediapipe / cv2 / keras / sklearn / pandas / seaborn / matplotlib