

Kai-Chieh Weng (K.Jay Wong)

PROFILE PHOTO



SKILLS

C/C++
x64-Assembly
Python
Linux
Java
Object-Oriented
Git
Bare-Metal
Arduino & ESP32

WHATSAPP & PHONE

+886 974134836

EMAIL

jjahyang10410@gmail.com

PERSONAL WEBSITE

[Kai-Chieh \(Jay\) Weng ·](#)

GITHUB & LINKEDIN

[FactorialK](#) & [Kai Jay](#)

LAB

Advanced Defense Laboratory
Head : [Dr. Fu-Hau Hsu](#)

EXPERIENCE

FEB 2024 - CURRENT

PT Researcher | Industrial Technology Research Institute (IRTI) | TWN

SEP 2022 - CURRENT

Tutor | High School Subjects : Math and Physics | TWN

SPRING 2023

Teaching Assistant | Principle of Programming Language | NCU CSIE, TWN

JULY 2020 - SEP 2022

Research Assistant | Institute of Cognitive Neuroscience | NCU, TWN

EDUCATION

MASTER'S DEGREE | COMPUTER SCIENCE | NATIONAL CENTRAL UNIVERSITY | 2025

Thesis : Real-Time Detection of Attack Features in Automotive Protocols

BACHELOR'S DEGREE | MATHEMATICS | NATIONAL CENTRAL UNIVERSITY | 2022

INDURSTY-ACADEMIA PROJECT

TPROXY IN 5G | [Industrial Technology Research Institute](#) | Dec. 2023 - Dec. 2024

CONFERENCE ABSTRACTS

1. Lee R. -J., **Wong, K.-J.**, Li, J. -C., & **Wu, D. H.** (2021, May). Elderly participants share spatial representations with an inanimate partner. Poster presented in the International Convention of Psychological Science. (Virtual Meeting)
2. Li, J. -C., Lee R. -J., **Wong, K.-J.**, & **Wu, D. H.** (2021, March). Shared and unshared spatial representation between computers and humans. Poster presented in the 2021 Annual Meeting of Taiwan Society of Cognitive Neuroscience. (Virtual Meeting)

CURRICULUM PROJECT

DEVELOPING EMBEDDED OS ON
RASPERRY PI 2024

ADDING LINUX SYSCALL TO KERNEL 2023

UML EDITOR IN OBJECT-ORIENTED
DESIGN 2023

ASSEMBLY CODE CARD GAME 2022

SCHOLARSHIP & CTF CONTEST

[National Science Council Research](#) Fellowship 2021 - 2022

- Topic: Using the Simon and SNARC Effect to Examine Shared Spatial Representations in Human-Computer Collaboration | Advisor: [Dr. Denise Wu](#)

[2023 Cyber Security Competition](#) hold by Ministry of Digital Affairs (Rank : 30/199)