

Home Address

7F, No. 14, Jingan Rd., Zhonghe Dist., New
Taipei City, 23575 Taiwan

Kai-Po Lin

Mobile: +886-953-261-636
E-mail: popotwtw@gmail.com
Github: <https://kblin1996.github.io>

EDUCATION

National Chung Cheng University (CCU)**Sep. 2015 – June 2019**

Major: Computer Science and Information Engineering (CSIE), Bachelor of Science

Overall GPA: 3.79/4.30; Ranking: 5/52

Received two Presidential Honor Awards

(Incoming) Rice University**Aug. 2021 – May 2023**

Major: Computer Science, Master of Computer Science

Houston, TX

RESEARCH EXPERIENCE

Machine Vision and Learning Laboratory, CCU**Sep. 2017 – July 2019**

Laboratory Intern

Chiayi County

- AI City Challenge Project: Utilizing Cycle GAN to make the generator separately train five different directions of car motion via large datasets
- Writing Calligraphy with Robotic Arm Project: Utilizing Cycle GAN and labeling the strokes to make a robotic arm learn a dataset with numerous characters written in different scripts

Smart Living Technology Research Center, CCU**Sep. 2018 – April 2019**

System Programmer

Chiayi County

- Programmed and optimized a facial verification system for the National Intercollegiate Athletic Games (with about 7,500 competitors) using OpenCV and implementing Flask to transmit and display predictions from backend to frontend using the JSON format
- Designed and arranged the user interface on the frontend website with OpenCV, HTML, and CSS

Viscovery**Jan. 2019 – Feb. 2019**

Computer Vision Intern

Taipei City

- Programmed a facial recognition system for the company to predict the user's gender, age, and facial expressions through Caffe, Keras, and OpenCV
- Optimized the response time (less than 1s) and the accuracy (about 70%) to predict gender, age, and facial expression of the facial recognition system

Embedded System Laboratory, CCU**Sep. 2017 – Dec. 2018**

Undergraduate Student

Chiayi County

- Used WGAN-GP and image processing to create a GAN model to do fashion clothing design
- Fetching men's fashion clothing from the Internet by Python (web crawling)

AWARDS

- AI Hackathon Competition Honorable Mention
- Creative Software Applications Contest Honorable Mention
- Central District Programming Competition Honorable Mention
- ITSA Annual Collegiate Programming Contest Honorable Mention

SKILLS

Computers: C++, Python, C, MATLAB, MySQL, TensorFlow, Keras, OpenCV, PyTorch, Caffe, Java, ANTLR, HTML, CSS

Systems: Windows, Ubuntu, Macintosh, Docker

Language: Mandarin (Native), English (Advanced) TOEFL: 100 (R:24, L:26, S:24, W:26) GRE: 320