

EDUCATION

National Chung Cheng University (CCU)

Bachelor of Science

Major: Computer Science and Information Engineering (CSIE)

Overall GPA: 3.79/4.30; GPA for last two years: 4.21/4.30; Ranking: 5/52

Received two Presidential Honor Awards

Chiayi, Taiwan

June 2019

RESEARCH & WORK EXPERIENCE

Ucfunnel

Data Scientist

Taipei, Taiwan

Sep. 2020 – Present

- Created an evaluation system to ensure all features extracted at local are correspond to the online server
- Filtered out biased data and added new features with Python at local and Golang in the back-end DMP to successfully increase 41% of the accuracy on ads' winning price prediction

Machine Vision and Learning Laboratory, CCU

Research Assistant

Chiayi, Taiwan

Sep. 2017 – July 2019

- 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

System Programmer

Chiayi, Taiwan

Sep. 2018 – April 2019

- 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 final predictions
- Designed and arranged the user interface on the frontend website with OpenCV, HTML, and CSS

Viscovery

Computer Vision Intern

Taipei, Taiwan

Jan. 2019 – Feb. 2019

- 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 75%) of the facial recognition system

Embedded System Laboratory, CCU

Undergraduate Student

Chiayi, Taiwan

Sep. 2017 – Dec. 2018

- 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

Programming Language: C, C++, Python, MATLAB, Go, Java, ANTLR, HTML, CSS

Machine Learning: TensorFlow, Keras, OpenCV, PyTorch, Caffe

Database/Search Engine: MySQL, Kafka, ELK, MongoDB, Apache Cassandra, Google Cloud Platform, AWS

Operating Systems: Windows, Ubuntu, Macintosh, Docker

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