

Education

National Taiwan University (NTU)

Taipei, Taiwan

B.S. IN ELECTRICAL ENGINEERING

Sep. 2013 - Exp. Jan. 2018

- Average GPA: 4.0/4.0 (Originally 4.14/4.3; 25 out of 259 students)
- Courses taken: Machine Learning (Dr. Hung-yi Lee), Digital Speech Processing (Prof. Lin-shan Lee), Digital Visual Effects (Prof. Yung-Yu Chuang), Signals & Systems (Prof. Homer H. Chen), Algorithms (Prof. Yao-Wen Chang), Strategy Consulting (BCG Taiwan)

Working & Teaching Experience

Teaching Assistant, NTUEE

Taipei, Taiwan

TA FOR CALCULUS

Mar. 2017 - Jun. 2017

- 2-hour weekly lecture to review and answer questions for NTUEE students on calculus

Summer Intern, Dell Taiwan

Taipei, Taiwan

SOFTWARE ENGINEER IN SERVER TEAM

Jul. 2016 - Aug. 2016

- Developing debugging tools in python and understanding the structure of servers

Harvard Taiwan Leadership Conference (HTLC)

Taipei, Taiwan

TEACHING ASSISTANT

Jul. 2015 - Aug. 2015

- Cooperation with students in Taiwan and Harvard university on 7-day conference about leadership for high school students

Researches & Projects

Undergraduate Research, Media IC & System Lab (Prof. Shao-Yi Chien)

Taipei, Taiwan

RESEARCHER FOR <ODOMETRY FOR IMPRECISE AUGMENTED REALITY>

Feb. 2016 - Jun. 2017

- Aiming to locate the position of user by low-powered gyro sensors and cameras
- Implementation to utilize gyro's data in ORB-SLAM for localization

Undergraduate Research, NTU-iCeIRA

Taipei, Taiwan

RESEARCHER FOR SERVICE ROBOT

Feb. 2016 - Jan. 2017

- NTU-iCeIRA (International Center of Excellence in Intelligent Robotics and Automation Research)
- Planning, connecting, and testing wires and motors for robot with two wheels and dual arms which runs on Robotic OS (ROS)

Consulting Project, Strategy Consulting (JT Hsu, BCG Taiwan Director)

Taipei, Taiwan

CONSULTANT FOR A POS SYSTEM CORP.

Oct. 2017 - Exp. Jan. 2018

- Advising on how to provide "online reservation service" for restaurants in Taiwan, and evaluation of costs and benefits
- Construction of business model based on qualitative and quantitative analysis on restaurants and consumers

Project, Machine Learning (Prof. Hung-yi Lee)

Taipei, Taiwan

STACK EXCHANGE TAGS COMPETITION ON KAGGLE

Nov. 2016 - Jan. 2017

- Given questions, answers, and tags on several subjects from StackExchange, to predict tags on a different subject
- Implementation of preprocessing (remove stop words, construct bi-gram) and unsupervised learning (TF-IDF)

Project, Digital Visual Effects (Prof. Yung-Yu Chuang)

Taipei, Taiwan

HIGH DYNAMIC RANGE (HDR) IMAGE

Mar. 2016 - Apr. 2016

- Creating HDR image from photos of high contrast scenery with different shutter time
- Implementation of image alignment and tone mapping with Matlab

Professional Activities

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| 2017 | MakeNTU Enterprise Awards: FET & GaTec/ Best Popularity Award , NTUEE Hackathon | Taipei, Taiwan |
| 2016 | MakeNTU Best Popularity Award (out of 40 teams) , NTUEE Hackathon | Taipei, Taiwan |
| 2016 | Semi-Final round Qualification , NTU Creativity & Entrepreneur Contest | Taipei, Taiwan |
| 2015 | 5th place (out of 150 competitors) , NTU Data Structure and Programming contest, Cadence | Taipei, Taiwan |

Honors & Awards

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| 2017 | Certificate of Altruistic Award , NTU | Taipei, Taiwan |
| 2016 | Scholarship (NT\$150,000) , Lin, Hsiung-Chen Foundation | Taipei, Taiwan |
| 2014-16 | Scholarship (NT\$25,000) , Wen-Yuan Pan Foundation | Taipei, Taiwan |
| 2014 | Certification of Presidential Award , NTU (top 5% of all NTUEE students) | Taipei, Taiwan |

Volunteer Activities

Aboriginal Service Club, NTU (Prof. Chien-Mo Li)

Taipei, Taiwan

VOLUNTEER FOR 3 YEARS

Sep. 2014 - Jul. 2017

- Winter/summer camps for primary school students in aboriginal villages in remote mountains of Taitung, Taiwan
- Club President for 6 months in 2016: leader of 60 teammates, organizing volunteer training and 14-day services