

# Wen-Hsing Huang

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## Education

### National Central University

Taoyuan, Taiwan

CANDIDATE FOR B.S. IN COMPUTER SCIENCE AND INFORMATION ENGINEERING

Sept. 2018 - June 2022 (expected)

- Cumulative GPA: 94.93 / 100.0
- Cumulative Department Rank: 1<sup>st</sup> / 99
- GRE Verbal 155 (67%), Quantitative 170 (96%)
- National Central University Scholarship for Excellent Students
- Academic Achievement Award \* 3 (top 5% of class in semester)

## Work Experience

### WASN Lab, National Central University

Taoyuan, Taiwan

UNDERGRADUATE RESEARCH ASSISTANT

March 2020 - Present

- Cooperated with the Industrial Technology Research Institute (ITRI) to develop the self-driving project.
- Integrated better performance open-source detection-based tracking into the project for replacing the original component.
- Joined the Industry-Academia Collaboration with ITRI.
- Presented 3 trajectory prediction papers as the potential proposals of solution.
- Conveyed commercial purpose inquiry to projects or dataset license owners via email written in English.
- Revised preprocessing program of an open-source trajectory prediction project to retrain its model using license acceptable dataset.

### Institute of Information Science, Academia Sinica

Taipei, Taiwan

PART-TIME ASSISTANT

July 2020 - Aug. 2020

- Implemented simulation program of Multicast Rerouting and Update Scheduling Algorithm.
- Conducted several experiments by simulation program as a baseline of paper "Multicast Traffic Engineering with Segment Trees in Software Defined Networks".

## Selected Projects

### Face Spoofing Detection

PROJECT LEADER

2020

- Led the team course project that detecting if a photo is spoofing face or real face.
- Adopted Transfer Learning on ResNet-18 by LCC\_FASD dataset.
- Reached up to the 97.93% accuracy on the LCC\_FASD test dataset.

## Honors & Awards (certification link)

19,20	<b>Bronze Award</b> , ACM ICPC Regional Contest	Taipei, Taiwan
2018	<b>Honorable Mention</b> , ACM ICPC Regional Contest	Taipei, Taiwan
18,19,20	<b>Excellent Work</b> , National Collegiate Programming Contest	Taipei, Taiwan
2018	<b>Caring Technology Innovation Application Award</b> , NASA Space Apps Challenge Taipei (Hackathon)	Taipei, Taiwan

## Extracurricular Activity

### Developer Student Clubs at National Central University, Google Developers

Taoyuan, Taiwan

CORE TEAM MEMBER

Aug. 2020 - Present

- Cooperated with team members to hold the first activity, that DSC program introduction and demonstration of Google technologies and services.

### Deloitte club

Taipei, Taiwan

CLUB MEMBER

May 2020 - Present

- Served as a campus ambassador role at National Central University.
- Promoted events or recruitment information via social networks and official websites related to NCU.
- Proposed an 8 pages proposal to promote the Deloitte employer brand at NCU.