

# HANRU CHEN

New Taipei City, Taiwan

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LinkedIn HANRU-CHEN GitHub Hacker-Davinci YouTube Slashie Computer Science Person

## EDUCATION

### National Chung Cheng University

Bachelor of Science in Computer Science and Information Engineering - **GPA - 4.3/4.3** Chiayi City, Taiwan

09 2020 – present

## LEADERSHIP AND AWARDS

### Competitive Programming Experience ↗ | Skills: Data Structure and Algorithms

- ICPC 2021 Asia Taipei Regional Site **Bronze Award**
- NCPC 2021 Taiwan Region **Honorable Mention**

### TCA Open Data Contest ↗ | Skill: OpenCV

- Tracked car traffic in CCTV video by python OpenCV module.

## INTERNSHIP

### Industrial Technology Research Institute ↗

01 2022 – Now

Artificial Intelligence Operating System Intern

Hsinchu, Taiwan

- \* Handled streaming data by **Kafka, Spark** and **Confluent**.

## PROJECTS

### Deepfake Detection Web ↗ | Skills: Tensorflow, Flask and OpenCV

- \* Implemented **MesoNet architecture** by reading **paper** and using **tensorflow**.
- \* Tested deepfake pictures by **web** using **Flask**.

### YOLO Drowsiness Detection ↗ | Skills: Pytorch and OpenCV

- \* Detected selfies about being awake or drowsy using **Yolov5 model** and **labelImg** repository.

### Deep Learning Class : NTU ML2021 by Pytorch ↗ | Skill: Pytorch

- \* Learned deep learning algorithms such as **CNN, Bert, RL**, and **GAN** by taking course and notes.
- \* Implemented deep learning algorithms and training tips such as data augmentation, policy gradient and parameters tuning by reading github repositories, papers and **Pytorch** documentation.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, SQL

**Developer Tools:** VS Code, Google Colab, Jupyter Notebook

**Technologies/Frameworks:** GitHub, Tensorflow, Pytorch, PowerBI and MySQL

## EXTRACURRICULAR

### Share Coding Learning Experience To Freshman Students ↗ | Skills: Storytelling and Public Speaking

- \* Shared how to learn coding from zero to hero with 50+ listeners.

### Film Day Of Life Of A Computer Science Student Vlog ↗ | Skills: Filming and Video Editing

- \* Inspired audiences to chase their dream by making youtube videos.

### SITCON Community Presentation ↗ | Skills: Public Speaking and Storytelling

- \* Shared my coding experience by attending lightning talk.

## CERTIFICATIONS

- Crowdsource Neural Network advance course - Google
- Crowdsource & Open Image Source - Google
- Google Data Analysis: Ask Questions to Make Data-Driven Decision - Coursera