

HANRU CHEN

New Taipei City, Taiwan

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[HANRU-CHEN](#) | [Hacker-Davinci](#) | [Slashie Computer Science Person](#)

EDUCATION

National Chung Cheng University

09 2020 – present

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

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 Detecion 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

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