

# 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 - 4.14/4.3 Chiayi City, Taiwan*

## INTERNSHIP

Academia Sinica

07 2022 – present

*Computer Vision Lab Intern*

*Nangang, Taipei, Taiwan*

- Building Pytorch dataset on COCO, FSC147 and CARPK.
- Reproduced a model from Class-Agnostic Few-Shot Object Counting, which is a paper from WACV.

Industrial Technology Research Institute

01 2022 – 06 2022

*Artificial Intelligence Application Operating System Intern*

*Hsinchu, Taiwan*

- Building Real-Time ETL Pipeline with Apache Kafka, Confluent Kafka and PostgreSQL
- Experience with container based deployments using Docker
- Created RESTful API
- Predicted population time series data by training LGBM and LSTM model.

## LEADERSHIP AND AWARDS

Competitive Programming Experience 🔗 | Skills: Data Structure and Algorithms

- ICPC 2021 Asia Taipei Regional Site **Bronze Award**
  - Coding competition in Asia Taipei held by NTUB, with 300+ participants
- NCPC 2021 Taiwan Region **Honorable Mention**
  - Coding competition in Taiwan held by NSYSU, with 300+ participants

TCA Open Data Contest 🔗 | Skill: OpenCV

- Tracked car traffic in Danhai New Town CCTV video by OpenCV

## PROJECTS

Fake News Detection With Bert 🔗 | Skills: Tensorflow

- Detected fake news from news title by training a model using Bert Model with 88% accuracy

Deepfake Image Detection Web 🔗 | Skills: Tensorflow, Flask and OpenCV

- Detected deepfake images by implementing MesoNet model and using pretrained weights
- Tested deepfake images by web using Flask

Netflix Appetency Prediction 🔗 | Skills: Sklearn and XGBoost

- Handled anonymous data with 500+ features by data visualization, data processing and data cleaning
- Predicted Netflix customer subscription using XGBoost classifier with 70% accuracy

## TECHNICAL SKILLS

Languages: Python, C, C++, JAVA, SQL

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

Technologies/Frameworks: Basic Linux, Spark, Tensorflow, Pytorch, Sklearn, Confluent, Kafka and Docker

## 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 Editting

- Inspired 10000+audiences to chase their dream by making youtube videos

SITCON Community Presentation 🔗 | Skills: Public Speaking and Storytelling

- Shared my coding experience from zero to hero by attending lightning talk

## CERTIFICATIONS

- Learn Apache Kafka for Beginners - Udemy
- Google Data Analysis: Ask Questions to Make Data-Driven Decision - Coursera