

# 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*

## 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

## INTERNSHIP

Industrial Technology Research Institute 🔗

01 2022 – present

*Artificial Intelligence Application Operating System Intern*

*Hsinchu, Taiwan*

- Deployed data streaming application by **confluent kafka**, **sql** and **docker**
- Predicted **time series** data by deployed **machine learning** model
- Found data insights by analyzed data and cleaning data

## 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, 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 Editing

- 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
- Crowdsourc Neural Network advance course - Google
- Google Data Analysis: Ask Questions to Make Data-Driven Decision - Coursera