

Jhao-Ting Chen

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Education

National Tsing Hua University

B.S. IN ELECTRICAL ENGINEERING, GPA 3.89/4.30

- Undergraduate student @ Vision Science Lab, Prof. Min Sun: studying Deep Learning, Computer Vision, Natural Language Processing.
- Machine Learning, Computer Networks, Algorithms, Computer Architecture, Embedded System, Web Programming, etc.

Hsinchu, Taiwan

Sep. 2017 - Jun. 2021

University of British Columbia

VANCOUVER SUMMER PROGRAM

- Algorithms & Web Development program.

Vancouver, Canada

July. 2018 - Aug. 2018

Work Experience

Software Engineering Intern, Microsoft

CLOUD HARDWARE INFRASTRUCTURE ENGINEERING, RELIABILITY TEAM, RESEARCH & DEVELOPMENT INTERN

- Design test tools and scripts.
- Perform tests and analyze results.
- Set up test software and hardware automation infrastructure in the lab.

Taipei, Taiwan

July. 2020 - Current

Picture Analysis & System Development Intern, Logitech

COLOR, MATERIAL & FINISH TEAM, SOFTWARE INTERN

- Perform image analysis and implement machine learning in real-life applications.
- Systemize workflow and develop tools for team members.
- Design experiments and verification base on developed system.

Hsinchu, Taiwan

Mar. 2020 - Jun. 2020

Projects

CDCGAN Generator for QuickDraw! Dataset

CNN GAN IMPLEMENTATION

- Generates drawings for 30 objects using Conditional Deep Convolutional GAN.
- Classifies drawings for 30 objects using ResNet.

Dec. 2020 - Dec. 2020

Locality Sensitive Hashing on ALBERT

NLP MODEL IMPLEMENTATION

- Improve space complexity on natural language processing model, ALBERT.

Feb. 2020 - May. 2020

Residual CNN Captcha Breaker

CNN CLASSIFIER

- Decodes security images that appears when logging-in using Residual CNN.

Nov. 2019 - Dec. 2019

EasySheet Start-up Project

WEB DESIGN AND DEVELOPMENT

- React-based online guitar sheet editor, storage and viewer.
- Received investment requests from our users.

Feb. 2019 - Jun. 2019

Achievements

- 2018 **Summer Exchange Scholarship**, Electrical Engineering Dep. National Tsing Hua University
- 2017, 2018 **Academic Achievement Scholarship**, National Tsing Hua University
- 2017 **Full Mark 75/75**, University Entrance Exam

Skills

Natural Languages

Chinese(Mandarin), English(TOEFL iBT:105)

Programming

Python, C/C++, JavaScript, Unix(linux operation), Algorithm, Data Structure, OOP

Web Front-end & Back-end Development

Node.js, React.js, flask, nginx, AWS, firebase

Machine Learning

ML/DL/CV/NLP knowledge, PyTorch/tensorflow/numpy/Pandas implementation

Others

Embedded System, Socket Programming, IOT, Verilog, FPGA, Hspice, Basic IC design