Jhao-Ting **Chen**

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Education

National Tsing Hua University   *Hsinchu, Taiwan*

B.S. in Electrical Engineering, GPA 3.88/4.30   *Sep. 2017 - Jun. 2021*

- 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.

University of British Columbia   *Vancouver, Canada*

Vancouver Summer Program   *July. 2018 - Aug. 2018*

- Algorithms & Web Development program.

Work Experience

Software Engineering Intern, Microsoft   *Taipei, Taiwan*

Cloud Hardware Infrastructure Engineering, Reliability Team, Research & Development Intern   *July. 2020 - Current*

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

Picture Analysis & System Development Intern, Logitech   *Hsinchu, Taiwan*

Color, Material & Finish Team, Software Intern   *Mar. 2020 - Jun. 2020*

- 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.

Projects

Locality Sensitive Hashing on ALBERT

Special Topic on Implementation @ Vision Science Lab, NTHUEE   *Feb. 2020 - May. 2020*

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

Residual CNN Captcha Breaker

Final project on course Introduction to Machine Learning   *Nov. 2019 - Dec. 2019*

- Decodes security images that appears when logging-in using Residual CNN.
- Highest scored project in the course.

EasySheet Start-up Project

Web Design and Development   *Feb. 2019 - Jun. 2019*

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

Achievements

2020	**TOEFL 105/120**, TOEFL iBT
2018	**Summer Exchange Scholarship**, Electrical Engineering Dep. National Tsing Hua University
2017	**Academic Achievement Scholarship**, National Tsing Hua University
2017	**Academic Achievement Scholarship**, Electrical Engineering Dep. 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