

EDUCATION

National Tsing Hua University

Bachelor of Computer Science

Aug. 2018 - Jun. 2022

- Overall GPA: 3.98/4.3
- Major GPA: 4.10/4.3
- Award: Outstanding Academic Achievement Award (2020 Fall, 2020 Spring)
- Key coursework: Operating System, Design Analysis of Algorithms, Computer Architecture, Data Structure, Parallel Programming, Software Studio, Deep Learning, Machine Learning

EXPERIENCE

Industrial Technology Research Institute (ITRI)

Backend Intern

Hsinchu, Taiwan

Jan. 2020 - Jul. 2021

- Work with a partner to design an algorithm to find the best WIFI base stations
- Apply our algorithm to the real environment
- Integrate the website with our algorithm

Teaching Assistant of Introduction to Programming

Main Teaching Assistant

Hsinchu, Taiwan

Mar. 2021 - Jul. 2021

- Assist in organizing the course activities
- Guide students to solve their programming problems
- Examine every programming problems before any tests
- Best Teaching Assistant (2020 Spring)

SELECTED PROJECTS

Query Auto Completion (QAC)

- Optimize the inference time with our implemented Trie
- Implement ranking model to reach better MRR score
- Extreme low inference time following the industrial standard

CheckBox APP

- We Help people organize themselves todo-list to enhance their working efficiency
- Responsible for the Frontend and integrating with Backend
- Successfully install our APP on Android cellphone

Stamp Machine

- Responsible for programming with Verilog to manipulate the machine
- Design the machine architecture and assemble it
- Second Prize in Logic Design Laboratory Final Project Competition

EXTRA-CURRICULAR ACTIVITIES

8th Mei-Chu Hackathon — Member of Develop Department

Mar. 2020 - Oct. 2020

- Develop Backend service for Hackathon website
- Assist sponsor in holding their competition

42 SILICON VALLEY Summer Exchange Student

Jul. 2019 - Aug. 2019

- Practice coding problems there
- Cooperate with other people from different countries to solve problems

SKILLS

- **Programming** - C/C++, Python, Verilog, Javascript, SQL
- **Framework** - Pthread, MPI, OpenMP, React.js, Vue.js
- **Develop Tools** - Github, Gitlab, Bitbucket
- **Database Management** - PostgreSQL