

SHAO-HUNG CHIU

Email: ms0705718@gmail.com

Homepage: <https://tomchiu5566.github.io/>

RESEARCH INTEREST

Computer Architectures and Software Systems

EDUCATION

National Tsing Hua University

Undergraduate in Electrical Engineering

Advised by Prof. Mi-Chang Chang

September 2015 - Present

Major GPA: 4.18/4.3, Overall GPA: 3.98/4.3

WORK EXPERIENCE

ASPEED Technology Inc.

Intern

July 2018 - August 2018

- Advised by Dr. Darren Lu
- Deep Learning Application: Super Resolution
- Introduction of Efficient Inference Engine Design

BIIC Lab

Research Assistant

October 2017 - January 2018

- Advised by Prof. Chi-Chun Lee
- Human Behavioral Analysis
- Data Processing and Machine Learning

PROJECTS

Self-Driving Car using Raspberry Pi

Ongoing

- Advised by Prof. Jing-Jia Liu
- Computer Vision: Lane Following & Positioning
- Wireless Communication: XBEE S2C
- Sign Recognition: MobileNet

DSP Lab: Coin Detection

- Image Processing
- Establish Pipeline and Devise Algorithms with cv2

RELEVANT COURSES

Core Courses

Computer Architecture
Operating Systems
Algorithms
Digital Systems Design (ongoing)
Microprocessor Systems (ongoing)

Other Courses

Data Structures
Intro. to Computer Network
DSP Lab.
Logic Design Lab.
Intro. to ML (ongoing)

SKILLS

Language	English (TOEFL 105), Chinese (Native)
Programming Languages	C/C++, Python, MATLAB
Engineering Tools	Verilog
Deep Learning Framework	Tensorflow, PyTorch, Caffe