SHAO-HUNG CHIU

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RESEARCH INTEREST

Hardware Architectures and Software Systems

EDUCATION

National Tsing Hua University *September 2015 - Present*
Undergraduate in Electrical Engineering Major GPA: 4.18/4.3, Overall GPA: 3.98/4.3
Advised by Prof. Jing-Jia Liu

WORK EXPERIENCE

ASPEED Technology Inc. July 2018 - August 2018
Internship
· Advised by Dr. Darren Lu
· Deep Learning Application: Super Resolution
· Introduction of Efficient Inference Engine Design

BIIC Lab October 2017 - January 2018
Research Assistant
· Advised by Prof. Chi-Chun Lee
· Human Behavioral Analysis
· Data Processing and Machine Learning

PROJECTS

Self-Driving Car using Raspberry Pi Ongoing
· Lane Following & Positioning: Computer Vision
· MQTT-SN with XBEE S2C: Wireless Communication
· Traffic Sign Recognition: Deep Learning

RELEVANT COURSES

Core Courses	**Other Courses**
Computer Architecture	Data Structures
Operating Systems	Intro. to Computer Network
Algorithms	DSP Lab.
Digital Systems Design (ongoing)	Logic Design Lab.
Microprocessor Systems (ongoing)	Intro. to ML (ongoing)

SKILLS

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

EXTRA-CIRRUCULAR

Percussion in NTHU Wind Club, attending two Tour Concerts

Drums in Pop Music Club

Teaching Unit in NTHU EE English Camp, focusing on tutorials of C programming & Arduino