

**CHEN, YU-LUN**

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## **EDUCATION**

**National Tsing Hua University (NTHU)**

Hsinchu, Taiwan, 2014-2017

*Bachelor of Science in Electrical Engineering*

- Relevant Coursework: Programming, Electronics, Electric Circuits, Analog Integrated Circuit, Feedback Control System, Signals and Systems

**National Taipei University (NTPU)**

Taipei, Taiwan, 2013-2014

*Freshman, Program of Bachelor of Science in Electrical Engineering (then transferred to NTHU)*

- Relevant Coursework: Programming, Calculus, General Physics, Logic Design

## **EXPERIENCE**

**Accton Technology Corporation**

Hsinchu, Taiwan, 07/2017-08/2017

*Summer Intern of Product Development Department*

- Participated in the project "Design of Programmable Extension Cord"
  - Directed 89S51 single-chip programming with programming language C51 on compile environment Keil C
  - Studied and implemented 89S51 functions, such as the I/O ports and interrupt function
  - Built the channel between the HyperTerminal in computer and single-chip through the data communication interface RS-232 for users to give commands
  - Studied the functions of temperature sensor LM35 to achieve the protection measure OTP (Over-Temperature Protection)
  - Studied the principles and applications of other peripheral electronic components connected to 89S51, such as relays, diodes, and the ADC0831
  - Integrated components into the system and gave commands in HyperTerminal
  - Welded the finished design on the hole plate

**Tutoring**

Hsinchu, Taiwan, 2015-Present

*Mathematics and Physics tutor*

- Tutoring high school students in academic subjects including mathematics and physics

## **ACTIVITIES**

**Meichu Tournament Advisory Committee, NTHU**

Hsinchu, Taiwan, 10/2015-02/2016

*Team Leader of Public Relations Division*

- Planned the budget according to the activities presented by the Event Planning Division
- Developed the strategy for raising financial aid from corporations and foundations
- Made a proposal and PowerPoint to describe the distribution and use of the financial aid
- Scheduled and assigned tasks to team members
- Held a regular routine team meeting to check progress

**International Week, NTHU**

Hsinchu, Taiwan, 03/2015-04/2015

*Team Member*

- Forged international relations while cooking traditional Haitian delicacies at the Food Festival with students from Haiti
- Exchanged cultural perspectives with students from Germany, Korea, Iran, and others

**Meichu Tournament Advisory Committee, NTHU**

Hsinchu, Taiwan, 10/2014-02/2015

*Team Member of Public Relations Division*

- Collected information about corporations, figured out plausible advertising strategies, and made phone calls to businesses for sponsorship
- Participated in activities accompanied by the Meichu Tournament, such as concerts, races, and e-sports

**Department of Electrical Engineering Basketball Team, NTHU**

Hsinchu, Taiwan, 10/2014-10/2015

*Team Member*

- Regular physical training
- Participated in an intercollegiate basketball competition

**SKILLS**

- Languages:
  - English – Fluent (TOEFL: 96)
  - Mandarin Chinese – Native
  - Taiwanese – Native
  - German – Intermediate