

# Fang Song. Xiao

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## Education

University of National Tsing Hua, Taiwan, R.O.C., Bachelor of Engineering  
Major: Electrical engineering

Setp.2014 – July 2018

## Work Experience

Assistant of Science camp

Hope Lab, University of National Tsing Hua, Taiwan

Setp.2016 – July 2017

Teach physics about optics and semiconductor to students who studying in senior high school and junior high school. We also take them to visit National Synchrotron Radiation Research Center, National Chiao Tung University energy and education house and National Nano Device Laboratories

Part-Time Teacher

University of National Tsing Hua, Taiwan

Setp.2015 – July 2016

Taught physics and chemical to students who studied in junior high school.

Receptionist for foreign students

Setp.2015 – July 2016

University of National Tsing Hua, Taiwan

Helped foreign students to purchase daily necessities, introduced our campus, and taught principle of safety in dormitory.

Volunteer in Division of Student Activities

Setp.2014 – July 2018

University of National Tsing Hua, Taiwan

Manage and deal with affairs of international week. Manage activity of exhibition and advertisement.

## Honor & Leadership

Staff in charge of activities in TFAA-Fall 2015

Lecturer at orientation for foreign students - Fall 2016

Host in NTHU international camp which went to remote elementary school with foreign students -Fall 2016

Manager in culture exhibition - Fall 2016-2017

Manager in international food festival - Fall 2016-2017

## Language Skills and talent

Mandarin Chinese-Native Speaker

Taiwanese-Native Speaker

English

Sketch

Calligraphy

Acoustic guitar

## Research interest

Plasma physics

Semiconductor physics

Quantum physics and mechanic

Non-linear optics  
Terahertz source and communication

## **Research area**

Integrated circuit  
Optic-electric semi-conductor

## **Research experience**

Terahertz source and transistor with advanced plasma  
Gas detector by using integrated circuit with resistance

Setp.2017 - July 2016

Setp.2016 – July 2015