

Rau, Shiau-Jie

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EDUCATION

National Tsing Hua University Bachelor of Science

GPA: 4.01/4.30

Honor:

2018 Spring Semester Lu Tian-Hui Scholarship

2017 Fall Semester Ma Shang-Kenh Scholarship

2017 Spring Semester Outstanding Academic Achievement Award

2016 Spring Semester Outstanding Academic Achievement Award

RESEARCH EXPERIENCE

2019 Master degree at National Tsing Hua University

- Study type Ia supernovae with Professor Kuo-Chuan Pan

2018 Summer Student at Institute of Astronomy and Astrophysics, Academia Sinica

- Study PAH evolution in galaxies with Dr. Hiroyuki Hirashita

2016 Summer Student at Institute of Physics, Academia Sinica

- Join TEXONO (Taiwan Experiment on Neutrino)

- Simulate signal from cosmic ray

- Analysis data from Ge detector

PROGRAMMING EXPERIENCE

- FLASH code for hydrodynamic simulation

- MESA for star evolution

- Python

- Geant4 (Particle physics simulation)

- ROOT (Particle physics data analysis)

- Linux

- Latex

OTHER EXPERIENCE

2018 Fall Semester

- Teaching assistant at National Tsing Hua University, Department of Physics
(Teaching Theoretical Mechanics)

2018 Spring Semester

- Assistant at National Tsing Hua University Resource Room
(Teach student with special needs Applied Math)