

EDUCATION

University of Science and Technology of China

Major: Astronomy/Astrophysics

School: School of Physical Sciences

August 2017 - present

RESEARCH EXPERIENCES & Supervisors/Referees

Hydrodynamic simulations of turbulent mixing layers of galactic winds

California Institute of Technology

Summer 2020

Mentored by

Suoqing Ji suoqing@caltech.edu

Philip F. Hopkins phopkins@caltech.edu

The formation of seed black holes

Yunnan Observatories, Chinese Academy of Sciences

July 2019 - June 2020

Mentored by

Xiaobo Dong xbdong@ynao.ac.cn

Runyu Meng mry1234@mail.ustc.edu.cn

Monochromator design (Course: Astronomical Labs)

University of Science and Technology of China

Fall 2019

Mentored by

Qingfeng Zhu zhuqf@ustc.edu.cn

RELEVANT COURSES & GRADES

Major GPA: **4.05/4.30** (Weighted grade average: **93.13**, from the grades listed below.)

All curriculum GPA: 3.75/4.30 (For more info, see my transcript including a description of grading system.)

Course Title	Score	Course Title	Score
Introduction to Astromechanics and Astrometry	95	Thermodynamics and Statistical Physics	100
Optics	94	Observational Astronomy	92
Thermal Physics	91	Theoretical Mechanics A	88
Introduction to Astronomy	95	Electrodynamics	93
Atomic Physics	92	Space and Time	90

VISITS

Shanghai Astronomical Observatory, Chinese Academy of Sciences

Jan. 2020

Five-hundred-meter Aperture Spherical Telescope (FAST)

July 2019

AWARDS & HONORS

National Encouragement Scholarship

2020

Outstanding Student Scholarship

2019

Zhang Zongzhi Sci-Tech Scholarship

2018

SKILLS

Programming languages	<i>C</i> , <i>Python</i> (Numpy, Scipy, Matplotlib, yt), <i>Fortran</i>
Codes for numerical simulations	<i>FLASH</i> , <i>GADGET</i> , <i>RAMSES</i>
Document preparation	<i>Markdown</i> , <i>L^AT_EX</i>
Technical computing	<i>Mathematica</i>
Image tools	<i>ds9</i>
Graphing utilities	<i>Origin</i> , <i>Gnuplot</i>
Graphical system design	<i>Labview</i>
Other softwares	<i>AutoCAD</i> , <i>ZEMAX</i> , <i>Gaussian</i>