

Curriculum Vitae

PERSONAL INFO

NAME: Xingyu Su
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EDUCATION

2015-PRESENT **Tsinghua Unveristy**, Beijing, P.R. China
Undergraduate in Department of Energy and Power Engineering
Minor in Computer Technology and Application

RESEARCH EXPERIENCE

2017/09-PRESENT Spherical Inward Propagating Carbon-Oxygen Two Step Flame Of Type Ia Supernova
Advisor: [Dr. Yang Gao](#)
Theory derivation; Direct Numerical Simulation by Fortran
2018/07-2018/08 Image based sorter
Advisor: [Prof. Tony Jun Huang](#)
Real-time image processing; Experiment
2017/11-2018/01 CFD simulation of electrostatic precipitators (ESP)
Advisor: [Prof. Shuiqing Li](#)
Equipment design; Simulation by Comsol
2016/09-2017/04 Portable Construction Material Thermal Property Measuring Instrument
Advisor: [Dr. Hui Li](#)
Experiment; Data processing

WORK EXPERIENCE

2017/07-2017/08 Hesai Photonics Technology, work as intern in hardware department

ABILITIES AND SKILLS

Program: C / C++ / Python / Fortran / Java / Html
Software: Matlab / Comsol / Solidworks / AutoCAD
Hardware: Arduino / STM / Raspberry PI

HONORS AND AWARDS

2017/11 National First Prize of CUMCM, China
2017/10 Scholarship for Technology Innovation Excellence, Tsinghua
2017/04 Third Prize of 35th Challenge Cup, Tsinghua

HOBBIES

Roller Skating, Skating, Skiing, Swimming, Tennis