

# Curriculum Vitae

## PERSONAL INFO

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NAME: Xingyu Su  
GENDER: Male  
DATE OF BIRTH: 1996-06-19  
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## EDUCATION

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

## RESEARCH EXPERIENCE

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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

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

## ABILITIES AND SKILLS

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

## HONORS AND AWARDS

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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

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Roller Skating, Skating, Skiing, Swimming, Tennis, Badminton