

Zhaowei Zhang

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EDUCATION

Temple University	Business Administration, Finance Concentration	Present
PhD student	<i>Research Assistant</i>	
The Pennsylvania State University	Astronomy & Astrophysics	December 2019
PhD Candidate, Master of Science		GPA: 3.88
University of Illinois at Urbana-Champaign	Physics	December 2015
Bachelor of Science with Dean Honors		GPA: 3.87

HONORS

Zaccheus Daniel Fellowship	The Pennsylvania State University	2017, 2018, 2019
Homer F. Braddock/Nellie H. and Oscar L. Roberts Fellowship	The Pennsylvania State University	2016
Lorella M. Jones Summer Research Award	University of Illinois	2015
Second Class Scholarship	East China Normal University	2012
National Scholarship of China	Ministry of Education, China	2011

WORK EXPERIENCE

The Pennsylvania State University State College, PA
Teaching & Research Assistant Aug. 2016 — Dec. 2019

- Led computer-based Astronomy labs for undergraduates
 - Supported and collaborated with lecturers during classes, substitute as lecturer during emergencies
 - Reviewed, graded and communicated with students and lecturers about homework assignments
 - Conducted research with Prof. Mészáros and Prof. Murase on high energy cosmic rays related work
 - Passed the candidacy and comprehensive exams, gave presentations at conferences, published a first-author paper
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EF Education First Hangzhou, China
English Teacher Apr. 2016 — Jul. 2016

- Taught kindergarten students English in English-only environment
 - Designed and gave multiple presentations about astronomy for students, parents, and colleagues
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University of Illinois Urbana-Champaign, IL
Research Assistant Jan. 2015 — Dec. 2015

- Learned and studied under advisor supervision, updated an existing code
 - Collaborated with others, wrote and published a first-author paper, gave multiple poster and slide presentations
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FIRST AUTHOR SCIENTIFIC PUBLICATIONS

1. Polarized Synchrotron Emissivities and Absorptivities for Relativistic Thermal, Power-Law, and Kappa Distribution Functions *Astrophysical Journal* 2016 (published)
 2. Cosmic rays escaping from Galactic starburst-driven superbubbles *Monthly Notices of the Royal Astronomical Society* 2020 (published)
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PROFESSIONAL SKILLS

Programming: Python, C, C++, Julia, R, Fortran, Mathematica, Matlab, Minitab, Latex
Certificates: Passed CFA Level 1 and FRM Level 1 Exams
