

Qijia Zhou

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Education

Harvard University

PhD in Astronomy & Astrophysics

Cambridge, MA

September 2024 – Present

Harvard University

A.B. Physics & Astrophysics

Summa Cum Laude – GPA: 3.99/4.0

Cambridge, MA

September 2020 – May 2024

Honors

NSF Graduate Research Fellowship

2024

Carol Davis Prize for service to the community, Harvard Department of Physics

2024

AAS Chambliss Astronomy Achievement Award, Honorable Mention

2024

Leo Goldberg Prize for best junior thesis, Harvard Department of Astronomy

2023

Publications

Q. Zhou, D. W. Latham, S. N. Quinn, A. Bieryla, A. Vanderburg, P. Berlind, M. L. Calkins, and G. A. Esquerdo.
False Planets around Giant Stars: A Case Study of Sanders 364 in M67. *The Astronomical Journal*, 166(4):160,
Oct. 2023. doi: 10.3847/1538-3881/acf291.

Presentations

Posters:

Competitive Hypervolatile Entrapment in Interstellar and Cometary Ices

January 2024

AAS 243rd meeting. New Orleans, LA.

Competitive Hypervolatile Entrapment in Interstellar and Cometary Ices

January 2023

AAS 241st meeting. Seattle, WA.

False Planets around Giant Stars: A Case Study of Sanders 364

June 2022

AAS 240th meeting. Pasadena, CA.

Invited and Public Talks:

A Solar Eclipse Double Header

November 2023

Gloucester Area Astronomy Club meeting. Gloucester, MA.

A Solar Eclipse Double Header

October 2023

Amateur Telescope Makers of Boston meeting. Cambridge, MA.

False Planets around Giant Stars

April 2023

Center for Astrophysics | Harvard & Smithsonian Exoplanet Talk series. Cambridge, MA.

Research

Center for Astrophysics | Harvard & Smithsonian

Cambridge, MA

Senior Thesis Researcher

September 2023 – April 2024

Advisor: Dr. Daniel Fabricant

Center for Astrophysics | Harvard & Smithsonian

Cambridge, MA

Student Researcher

September 2022 – December 2023

Advisor: Dr. Karin Öberg

Duke University/Triangle Universities Nuclear Laboratory (TUNL)

Durham, NC

NSF REU Researcher

May 2023 – August 2023

Advisor: Dr. Richard Longland

Center for Astrophysics | Harvard & Smithsonian
Research Intern
Advisor: Dr. David Latham

Cambridge, MA
May 2021 – May 2023

Teaching

Harvard College
Astronomy Course Assistant

Cambridge, MA
January 2023 – May 2023

Harvard Summit for Young Leaders in China
Seminar Instructor

Shanghai, China
July 2022 (remote) & August 2023

Harvard College
Physics Laboratory Course Assistant

Cambridge, MA
September 2022 – December 2022

Leadership & Community

NASA Partner Eclipse Ambassador Program
Undergraduate Ambassador
Selected to represent the Eclipse Ambassadors program in Junction, TX during totality.

Greater Boston
September 2022 – April 2024

Harvard-Radcliffe Society of Physics Students
President (2022-2023), Events & Panels Chair

Cambridge, MA
May 2021 – May 2024

Harvard Undergraduate Ethics Bowl
Vice President

Cambridge, MA
June 2020 – February 2023

Harvard International Review
Executive Content Editor

Cambridge, MA
September 2020 – September 2023

Harvard Space Week
Volunteer

Cambridge, MA
April 2022 & April 2023

Programming

Python (NumPy, Matplotlib, Astropy), Linux, C, MATLAB, Mathematica

Languages

Mandarin Chinese (fluent)

Hobbies

Observational astronomy club (certified telescope operator at the Loomis-Michael Observatory),
Harvard University Band, club figure skating