

YI J. ZHU

CONTACT INFORMATION

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EDUCATION

2022–present

HARVARD UNIVERSITY
Ph.D. Quantum Science and Engineering

Cambridge, MA

2022

UNIVERSITY OF CALIFORNIA, BERKELEY
B.S. Engineering Physics
Advisor: Hartmut Häffner & Sara Mouradian

Berkeley, CA

FELLOWSHIPS & HONORS

2021

Berkeley Physics Undergraduate Research Scholarship

2019

Edward Frank Kraft Scholarship, UC Berkeley

2016

Siemens Competition Regional Finalist

OUTREACH

2019–2022

Physics & Astronomy ULAB (Undergraduate Lab At Berkeley) DeCal
Director, Lead Instructor (2020–2022); Lab Manager, Instructor (2019–2020)

ULAB Physics & Astronomy is a DeCal course (2-semester sequence, 2 units/semester, 2021–22 enrollment: 50–60) at UC Berkeley that facilitates under-supported and traditionally underrepresented students taking their first steps into research. Under the guidance of undergraduate peer mentors, groups of mentees complete year-long research projects on topics of their choosing. Projects are supplemented by weekly lectures on technical skills.

2022

Mentor, Summer Math and Science Honors (SMASH) Academy, Pyle-Sadoulet Group

2021

Teacher, Bay Area Scientists in Schools at Berkeley (BASIS)

2019–2021

Teacher, Splash at Berkeley

TEACHING

FA19–SP22

Instructor, Astronomy 98: Undergraduate Lab at Berkeley Physics & Astronomy

FA21

Reader, Physics C191/291: Quantum Information Science and Technology

SP21

Reader, Physics 110A: Electromagnetism and Optics

FA20

Reader, Physics 5B: Introductory Electromagnetism, Waves, and Optics

POSTERS

1. Zhu, Y. J., Desai, A. & Kaur, R. *ULAB: An Accessible, Peer-Led Framework for Facilitating Undergraduate Research Experiences in Physics* in *APS April Meeting Abstracts* **2022** (2022), F01–030.