

# YI J. ZHU

## CONTACT INFORMATION

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## EDUCATION

*2022–present* HARVARD UNIVERSITY Cambridge, MA  
Ph.D. Quantum Science and Engineering

*2022* UNIVERSITY OF CALIFORNIA, BERKELEY Berkeley, CA  
B.S. Engineering Physics  
*Advisor: Harmut Häffner*

## 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 Academy supported by the 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.