

YI J. ZHU

CONTACT INFORMATION

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Cambridge, MA 02138

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 Project Leader, SMASH: summer course through the Summer Math and Science Honors Academy (SMASH) 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.