Ellin Q. Zhao

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<u>Research interests</u>: computational imaging, computer vision, machine learning, signal processing

EDUCATION

University of California, Los Angeles — 2021 - present
- Ph.D. student, Electrical and Computer Engineering
- Advisor: Professor Achuta Kadambi

University of California, Berkeley — 2016 - 2020
- B.S., Electrical Engineering and Computer Sciences (GPA: 3.6/4.0)

PUBLICATIONS

1. <u>E. Zhao</u>, N. Deshler, K. Monakhova, L. Waller, "Multi-sensor lensless imaging: synthetic large-format sensing with a disjoint sensor array." in Computational Optical Sensing and Imaging (COSI), Optical Society of America, June 2020.

2. <u>E. Zhao</u> and R. Sukkerd, "Interactive explanation for planning-based systems," in Proceedings of the 10th ACM/IEEE International Conference on Cyber-Physical Systems (ICCPS) 2019.

RESEARCH EXPERIENCE

UCLA Visual Machines Group, *graduate student researcher* — 2021 - present
Computer vision and computational imaging for diverse scenes and subjects.

UC Berkeley Center for Computational Imaging, *undergraduate researcher* — 2018 - 2020
Multi-sensor lensless camera prototyping.

Carnegie Mellon Institute for Software Research, *undergraduate researcher* — 2018 - 2019
Explainable AI for multiple objective probabilistic systems.

INDUSTRY EXPERIENCE

Whisper AI, *backend software engineer* — 2020 - 2021
Built systems for managing audiologist patient data.

Google, *software engineering intern* — 2019
Improved sign-up and log-in flows for Google users on mobile devices.

TEACHING

Teaching Assistant for CS61B (Data Structure & Algorithms)	2018 - 2019
Tutor for CS61B (Data Structure & Algorithms)	2017 - 2018

SERVICE

UCLA-Caltech, Grundfest Imaging Lecture series, *co-organizer*	2021 - present
UCLA, Center for Excellence in Engineering and Diversity, *research mentor*	2021 - present
UC Berkeley, Association of Women in Engineering, *mentor*	2020 - present
UC Berkeley, Engineering Student Council, *volunteer*	2020

AWARDS

UC Berkeley Grace Hopper Conference Scholarship	2018
Rose Hills Foundation Science and Engineering Scholarship	2017 - 2018
Kai Chong Tong Scholarship	2017 - 2018
Women of Teradata Scholarship	2016