# Shreya K. Sheel

PH.D STUDENT · LEARNING SCIENCES & HUMAN DEVELOPMENT

*Berkeley School of Education*

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## Education

**University of California, Berkeley**                                              *Berkeley, CA*

PH.D EDUCATION, LEARNING SCIENCES & HUMAN DEVELOPMENT                    *2021 - Present*
- Advisor: Dr. Zachary Pardos

**University of California, San Diego**                                              *La Jolla, CA*

B.S COGNITIVE SCIENCE (WITH DISTINCTION) - SPECIALIZATION IN MACHINE LEARNING AND

NEURAL COMPUTATION; MINOR IN DESIGN                                         *2016 - 2020*
- Honors Thesis: Segmenting in Multimedia Learning
- Advisors: Dr. Emma Geller and Dr. Drew Walker

## Professional Experience

2022-2024   **Graduate Student Researcher**, Computational Approaches to Human Learning Lab, UC Berkeley, CA

2020-2021   **User Experience Researcher**, McGraw Hill, Irvine, CA

2018-2020   **Undergraduate Research Assistant**, Learning in Multimedia Environments Lab, UC San Diego, CA

2017-2020   **Instructional Design Assistant**, Center for Digital Learning, UC San Diego, CA

2017   **Content and Curriculum Research Intern**, Learning Equality, La Jolla, CA

## Publications

### CONFERENCE PAPERS

**Sheel, S.K.**, Anastasopoulos, I., & Pardos, Z. A. (2024). Comparing Authoring Experiences with Spreadsheet Interfaces vs GUIs. In Proceedings of the 14th Learning Analytics and Knowledge Conference (LAK) (pp. 598-607).

Pardos, Z. A., Tang, M.*, Anastasopoulos, I.*, **Sheel, S. K.***, & Zhang, E. (2023). OATutor: An Open-Source Adaptive Tutoring System and Curated Content Library for Learning Sciences Research. Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-17) *contributed equally to this research

## Workshop Proceedings

Anastasopoulos, I., **Sheel, S.K.**, Pardos, Z. A., Bhandari, S. (2023). Introducing an Open-source Adaptive Tutoring System to Accelerate Learning Sciences Experimentation. L@S '23: Proceedings of the Tenth ACM Conference on Learning @ Scale

Pardos, Z. A., Anastasopoulos, I., & **Sheel, S.K.** (2023). Conducting Rapid Experimentation with an Open-Source Adaptive Tutoring System. In International Conference on Artificial Intelligence in Education (pp. 38-43). Cham: Springer Nature Switzerland.

## Teaching Experience

2024   **EDUC W161: Digital Learning Environments**, Graduate Student Instructor     *UC Berkeley*

2020   **COGS 100: Cyborgs and the Future**, Undergraduate Instructional Assistant     *UC San Diego*