

KEVIN M. STORER, PH.D.

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SUMMARY

I am a User Experience and Human-Computer Interaction Researcher with 7+ years of experience leading cutting-edge research in private and public settings. I have domain expertise in human-centered programming, developer experience, cyber-physical systems, and enterprise settings. My work has informed the design of both novel, experimental technologies and products with billions of global users.

RESEARCH EXPERIENCE

- Google—Firebase**, User Experience Researcher 2021—
- Leading research across a portfolio of five backend-as-a-service products to inform the design of novel tools to support software developers in verifying the stability of their web and mobile apps.
 - Designing longitudinal programs of research to improve established, existing products while supporting the development and deployment of novel products and new features.
- University of California, Irvine**, Research Assistant || Advised by Stacy Branham 2018—2021
- Led research to design technologies which make shared book reading accessible for blind parents and their preliterate children, using content analysis, paired interviews, and longitudinal deployments.
 - Mentored 3 teams of graduate and undergraduate students in system design, interviewing, surveying, statistical analysis, and scientific writing.
 - Published 4 scientific articles (3 first-author, 1 award-winning) in top computing venues.
- Google—Google Cloud**, User Experience Research Intern || Hosted by Harini Sampath 2020
- Led research to understand how accessibility in technical documentation affects the development experience for software developers who use screen readers to code.
 - Designed and conducted in-depth interviews and observations of 12 developers with visual impairments.
 - Published 1 scientific article based on this work and presented design insights to 3 product teams.
- Google—Google Assistant**, User Experience Research Intern || Hosted by Tejinder Judge 2019
- Led research to understand how smart-speaker voice assistants are used in the homes of families where some members have a visual impairment and others do not.
 - Designed and conducted interviews of 6 couples, in which one used screen readers and the other did not.
 - Published 1 scientific article based on this work and presented design insights to 2 product teams.
- University of California, Irvine**, Research Assistant || Advised by Gloria Mark 2017—2018
- Conducted experimental research to understand how push notifications affect sympathetic stress.
 - Moderated experimental sessions, contributed to experiment design, and conducted statistical analyses.
 - Published 1 scientific article based on this work, as part of a large collaboration across 3 universities.
- Clemson University**, Research Assistant || Advised by Jacob Sorber 2015—2017
- Led feasibility and usability studies of novel development tools and languages designed to support computer engineers in programming and deploying Internet-of-Things devices.
 - Published 2 scientific articles based on this work, as part of a large collaboration across 2 universities.

RESEARCH TOOLKIT

Interviews, Observations, Contextual Inquiry, Focus Groups, Competitive Analysis, Literature Reviews, Surveys, Concept Testing, Statistics, Communication

EDUCATION

Ph.D., Informatics, University of California, Irvine. 2021.
M.S., Computer Science, Clemson University. 2017.
B.S., Computer Science, Bowling Green State U. 2015.