

Sejal Khatri

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Education

2025 - **Harvard University**

Present *PhD in Computer Science*

2024 **University of the Cumberlands**

Masters of Management Sciences and Quantitative Methods

2020 **University of Washington**

Master of Science in Information Management

Specializations: UX, Data Science

2017 **Pune Institute of Computer Technology**

Bachelors of Engineering

Professional Research Experiences

07/24 - **Photon | Creative Group**

Seattle, WA

12/24 **Senior UX Researcher.**

- Conducted thematic analysis of interview data to design a unified information architecture, consolidating disjointed workflows across five fund administration apps.
- Facilitated cross-functional workshops, identifying low-confidence areas to guide future research and inform an e-commerce checkout redesign.

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| 10/22 - | Google via Intellipro NotebookLM | Seattle, WA |
| 03/24 | <i>UX Researcher.</i> | |
| | <ul style="list-style-type: none">Contributed to the development of NotebookLM, a generative AI-powered research tool, by conducting 20+ research studies with 200+ participants. This work uncovered novel use cases and opportunities, shaping the product's direction. NotebookLM was later recognized as one of Time Magazine's Best Inventions of 2024.Led a multi-phase research project—spanning interviews, prototyping, and longitudinal studies—to support knowledge workers and students in research synthesis through RAG-based AI interaction affordances.Conducted surveys and a usability study to design a user-friendly RLHF feedback mechanism for a generative AI music application, achieving 10x the feedback log goal in the first week. | |
| 03/21 - | Papa.Inc Freelance Workforce App | Seattle, WA |
| 07/22 | <i>UX Researcher.</i> | |
| | <ul style="list-style-type: none">Translated research insights into service blueprints, personas, and user journey maps, widely adopted by cross-functional teams and leadership to guide product direction and design changes.Designed large customer feedback surveys to inform quarterly Product KPIs.Presented research outcomes to VP-level directors. | |
| 08/20 - | Wikimedia Foundation Humaniki | Seattle, WA |
| 01/21 | <i>UX Strategist and Community Liaison.</i> | |
| | <ul style="list-style-type: none">Used purposive and snowball sampling to understand community needs, uncover biases, and ensure diverse voices were represented through a participatory co-design approach. | |

- Published 5+ blog posts to share research progress and gather community feedback, accompanied by detailed documentation.
- Facilitated a feature prioritization workshop using the feasibility/impact framework to guide discussions and align the team on critical decisions.

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| 09/19 - | University of Washington Community Data Science Collective | Seattle, WA |
| 06/20 | <i>Graduate Researcher.</i> | |
| | <ul style="list-style-type: none">• Led a qualitative research project to identify engagement barriers in underrepresented ('low-resourced') Wikipedias.• Assisted in a meta-review on software quality measurement by reviewing 50+ papers to identify high-quality secondary analysis reviews. | |
| 12/18 - | University of Washington Information School | Seattle, WA |
| 03/19 | <i>Teaching Assistant.</i> | |
| | <ul style="list-style-type: none">• Assisted in grading by evaluating advanced topics such as systems thinking, contextual inquiry, and stakeholder analysis. | |
| 11/16 - | Wiki Education Foundation Programs and Events Dashboard | Remote |
| 01/18 | <i>UX Engineer Intern.</i> | |
| | <ul style="list-style-type: none">• Led full-stack development of user profile pages showcasing user contribution activity on Wikipedia, driving a 10x increase in engagement among 7,000+ users.• Conducted usability testing with 20+ users to enhance the platform experience. | |
| 06/16 - | Pune Institute of Computer Technology Robotics Lab | Pune, India |
| 06/15 | <i>Embedded Systems Engineer.</i> | |

- Engineered a proximity detection system to prevent robot collisions, enhancing operational safety.
- Streamlined version control and remote collaboration for the robotics team by managing GitLab repositories.

Publications

Khatri, S., Shaw, A., Dasgupta, S., & Hill, B. M. (2022, April). The social embeddedness of peer production: A comparative qualitative analysis of three Indian language Wikipedia editions. In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI 2022).

Best Paper Honorable Mention Award (Top 5%)

Champion, K., **Khatri, S.**, & Hill, B. M. (2021). Qualities of Quality: A Tertiary Review of Software Quality Measurement Research. arXiv preprint arXiv:2107.13687.

Awards and Honors

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| 2022 | Best Paper Honorable Mention Award, CHI 2022. |
| 2021 | Wikimedia Coolest Tool Award for Humaniki. |
| 2017 | Smart India Hackathon Winner. |

Invited Talks

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| 2024 | "A Look at External Factors that Help Different Language Versions of Wikipedia Thrive" Presentation at Wikimedia Research Showcase. YouTube Broadcast. |
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Teaching

2019 iSchool Design Methods for Interactive Systems. University of Washington.

Mentoring

2024 Jada Nguyen. iSchool Undergraduate Mentorship Program.

2017 Google Code-in.

Certificates

2024 Google's Foundations of Data Science