

# Natalya M. St. Clair

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**SUMMARY** User Experience Researcher with a background in QA and project management. 15+ years translating complex systems into intuitive tools, conducting qualitative and mixed-methods studies, and coordinating cross-functional launches. Apply data-driven analysis to improve usability, streamline workflows, and align products with user needs and organizational goals.

**PUBLICATIONS & HONORS**

- Best Long Paper Award, International Society of the Learning Sciences (ISLS), 2024
- TED-Ed Producer (~9.5M+ views); Best TED-Ed Lesson of All Time
- Co-author, *The Art of Mental Calculation*; Illustrator of NYT bestsellers *Secrets of Mental Math*, *The Magic of Math* (with Arthur Benjamin)

**EDUCATION**

<b>Harvard Graduate School of Education</b> , Ed.M., Technology, Innovation, and Education	<b>2015</b>
<b>Scripps College</b> , B.A., Mathematics and Studio Art	<b>2006</b>

**EXPERIENCE**

**Concord Consortium** — El Cerrito, CA (Hybrid) 2016–2025

**UX Researcher & QA Engineer** 2023–2025

- Led award-winning UX research for student-facing data interfaces on the \$3M NSF *MultiData* project; first author on ISLS Best Paper (2024).
- Conducted 10+ think-aloud studies with data experts; results drove redesign of CODAP multidimensional tables now used by millions worldwide.
- Developed and open-sourced a secure Python transcription tool, cutting manual work by 200+ hours/year and standardizing research outputs.
- Produced onboarding flows, UI copy, and automated test pipelines serving 1M+ students.

**Research Associate** 2016–2023

- Created inclusive protocols for low-vision and underserved learners; collaborated with high-needs districts in 48+ classrooms.
- Built a relational database with 1M+ records cataloging data-science education researchers and their work; enabled cross-institution discovery and sharing.
- Advanced product design through usability testing, qualitative coding, and synthesis of mixed-methods findings for stakeholders.

**TED-Ed** — Remote 2014–2016

*Writer, Illustrator, Video Producer*

- Produced customized, award-winning animated lessons simplifying complex math with visuals and storytelling; adopted in thousands of classrooms worldwide.

**Countryside School** — Champaign, IL 2007–2013

*Math Educator & Curriculum Lead*

- Designed inquiry-based math curriculum integrating data reasoning, creativity, and communication.

**SKILLS**

**Research:** user interviews, usability testing, protocol design, mixed-methods analysis, qualitative coding  
**QA/PM:** test planning, automated testing (Cypress), release readiness, timeline coordination  
**Data & Tools:** Python, R, SQL (basic), Google Analytics Certified, Looker Studio (Data Studio), JavaScript, React, Jira, Figma (basic), Adobe Illustrator/Photoshop