

MADELINE E. SMITH

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RELEVANT EXPERIENCE

PhD Candidate | Northwestern University

August 2012 – June 2016, March 2020 – Present

- Conduct research on social media and communication using both qualitative and quantitative methods.
- Manage projects with cross-functional teams from multiple departments and institutions.
- Independently develop full-stack web and Android applications for research data collection.
- Publish papers and present research at international conferences.
- Supervise 12 research assistants.

Computer Science Professor | Colgate University

July 2016 – June 2020

- Oversaw four research projects designing mobile and web apps.
- Employed interviews, surveys, prototype design with Figma, web/mobile app development, & think-aloud usability studies.
- Developed and taught a User-Centered Design course including contextual inquiry, ideation, user stories, design and prototyping, front-end development, product evaluation, and user testing
- Supervised 10 research assistants.

Research Intern | Microsoft

June 2014 – September 2014

- Conducted a mixed-method study of teenager's use of group messaging, employing surveys and ethnographic interviews.
- Presented insights to stakeholders and published white paper.

SELECT LEADERSHIP

Operations Committee Volunteer | ACM SIGCHI

June 2015 – Present

- Successfully launched the redesigned sigchi.org WordPress website.
- Remotely collaborate with a global team of volunteers & contractors.
- Create and maintain conference archives including database, visualizations, and website.
- Implemented GitHub issue tracking system.

SKILLS

- Study Design
- Surveys
- Interviews
- Data Logging
- Think-aloud
- Experiments
- Data Analysis
- User Stories
- Personas
- Prototyping
- Usability Testing
- Databases
- Programming
- Wireframes
- Cross-Functional Collaboration
- Project Management
- Prioritization
- Problem-Solving
- Documentation
- Communication

EDUCATION

Northwestern University

PhD Technology & Social Behavior (June 2021)

Cornell University

MS Information Science (2012)

Ithaca College

BS Computer Science (2010)