

User Experience and HCI Researcher





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PROFESSIONAL EXPERIENCE

Northwestern University

PhD Researcher

Chicago, IL 2016 - Present

- End-to-End Research Management: Thesis research required participant recruitment, data analysis, and distilling complex findings into relatable writing and graphics
- Quantitative Methods: Use behavioral metrics and NLP to infer patterns in user experiences
- Qualitative Methods: Evaluate survey and questionnaire responses to understand user sentiment
- Research Team Coordination: Led a team of research assistants to design an experimental apparatus and analyze results of users engaged in conversations
- Machine Learning: Create classification and regression models to understand the influence of relationships and satisfaction on user behavior

Vail SystemsChicago, ILDATA SCIENCE INTERNSummer 2021

Experiment design and evaluation: Empirically evaluated user experiences with automated speech systems

Microsoft Redmond, WA

SOFTWARE DEVELOPER IN TEST INTERN

Summer 2013

 Web portal design: Developed back- and front-end site to diagnose licensing issues with Microsoft products

Goldman, Sachs, & Co.

Various Locations 2008 - 2011

• **Technology enhancement leadership:** Coordinated software transformation to streamline daily asset delivery workflow, from 3 hours to 25 minutes

EDUCATION

ANALYST

Northwestern University

Evanston, IL

PhD in Human-Computer Interaction

2016 - Present

- Studying User Experience, HCI, Natural Language Processing, and Cognitive Science
- Thesis: Predicting social dynamics in online dialogue using typing behavior patterns [in progress]

CUNY Graduate CenterNew York, NYMA IN COMPUTATIONAL LINGUISTICS2012 - 2016

Columbia UniversityNew York, NYBA IN PHILOSOPHY2003 - 2007

HONORS

2022	Impossible Question Asker, HCI Consortium Conference	Lake Geneva, WI
2022	Dissertation Research Support, Northwestern Dept. of Communication Studies	Evanston, IL
2016	Data Science Fellow, Northwestern University	Evanston, IL
2014	Google Scholarship - Finalist, Lime Connect	New York, NY



ABOUT ME

Tinkerer, engineer, collaborator, questioner

SKILLS

Mixed Methods Research

Data Analysis

Machine Learning & AI

Data Visualization

Web Development

PUBLICATIONS

- 15+ publications on Google Scholar
- 250+ citations
- Best Paper Award @ Cognitive Modeling & Computational Linguistics Workshop

LANGUAGES

Computer • Python, R, Java, HTML, Javascript

Human • English, ASL, Latin

NON PROFIT

- Hack4Rare (rare disease hackathon)
 Incubation Prize Winner
- Children's Tumor Foundation Education Committee