

## Sarah Bahn Johnson (she/her)

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Portfolio: <https://sbahnj.github.io/MyPortfolio/>

### Education

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#### Northeastern University, Boston, MA

Khoury College of Computer Sciences

MS, Computer Science, 2022

Related Courses: Object-Oriented Design, Mobile Application Development, Human-Computer Interaction, Algorithms, Introduction to Data Management and Processing, Web Development Fundamentals of Cloud Computing

#### Columbia University, New York, NY

School of the Arts

MFA, Poetry, 2011

#### Smith College, Northampton, MA

Department of Classics

BA, Classics, 2006

### Technical Knowledge

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**Languages:** Python, Java, C, SQL, HTML, CSS

**Tools:** Git, Android Studio, Balsamiq, Figma, Axure, React

### Projects

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#### Mayo Clinic, Rochester, MN

- **Decision aid prototype:** worked with a team to develop an Axure-based tool prototype, designed to help patients make healthcare decisions. Gathered qualitative information about patient needs and preferences and used this information to improve the prototype.

#### Northeastern University, Boston, MA

- **Web Application:** used React to build a web application simulating an online art marketplace.
- **Poem-writing mobile application:** used Android Studio/Java to design and implement an Android application that creates a poem template using the Metropolitan Museum of Art API (project currently in development).
- **Pokémon database:** co-wrote a database and Python program to populate the database with information scraped from the web.

### Professional Experience

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2022 (January – June). Knowledge and Evaluation Research Unit, *Mayo Clinic*, Rochester, MN.

#### Shared Decision-Making Tools Intern

- Analyzed patient-clinician encounters to learn about patient needs.
- Translated medical information into everyday language for patient use.
- Contributed to an Axure prototype tool for use during medical appointments.

2021 (January – May). Northeastern University, *Khoury College of Computer Sciences*, Boston, MA.

#### Teaching Assistant for Human-Computer Interaction

- Graded student assignments in a timely, accurate, and fair manner.
- Helped students achieve course goals through both in-person discussion and written feedback.

2019 – 2020 (September – April). *Harvard Law School*, Access to Justice Lab, Cambridge, MA.

#### Project Assistant (half-time)

- Communicated with study participants to maintain and update spreadsheets containing project data.
- Helped resolve ambiguities in survey questions.