

Sarah Bahn Johnson (she/her)

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

Education

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

Languages: Python, Java, HTML, CSS

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

Projects

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 with my team, simulating an online art marketplace.
- **Pokémon database:** co-wrote a database and Python program to populate the database with information scraped from the web.

Personal

- **Mobile poetry application:** using 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).

Professional Experience

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.