

Ava Marie Robinson

avamrobinson@gmail.com | (402) 321-7304

EDUCATION

Northwestern University

Evanston, IL | June 2021

B.S. in Computer Science, Segal Design Certificate, Integrated Marketing and Communications Certificate

GPA - 3.93/4.0

Relevant Courses

Human-Computer Interaction, Design & Analysis of Algorithms, Online Markets, Agile Development, Service&UX Design, Information Visualization, AI, ML, Data Structures, Design & Communication

SKILLS

Programming Languages

- Python (advanced)
- JavaScript (advanced) - React, React Native, D3
- HTML, CSS (advanced)
- SQL (basic)

Technical Tools

- Web development (intermediate) - Firebase, Django
- Docker (basic)
- AWS (basic)
- Source control (advanced)

Design Tools

- User interviews, contextual inquiry, participatory design (intermediate)
- Adobe suite (intermediate) - XD, Illustrator, Photoshop, AfterEffects
- 3D modeling (basic)
- Lens Studio (advanced)
- Figma (advanced)

OTHER ACTIVITIES

Graffiti Dancers, Performance Group
Northwestern Dance Marathon, Dancer
Accessibility & Experience Committee
Tau Beta Pi, Engineering Honors Society

RELEVANT EXPERIENCE

Human-Computer Interaction Research Intern, Snap Inc.

Remote | Summer 2020

- Designed and implemented novel AR experiences for co-located interactions on Snapchat using Lens Studio
- Conducted study including contextual interviews and data analysis; findings described in paper to be submitted to CHI (in progress)
- Filed a patent related to synchronization of games without a backend

Bay Area Immersion Program, Northwestern University

San Francisco, CA | Winter 2020

- Focused on the intersection of technology, media, and design through project-centered courses including UX Design and Data Journalism
- Collaborated with NU alum and students on self-driven research around methods to expose taboo topics

Software Development Intern, CureMetrix

San Diego, CA | Summer 2019

- Developed secure ground-up website using Django for internal use to assist frequent tracking of mammogram analysis algorithm
- Dockerized and deployed site to AWS EC2 server

Engineering Camp Instructor, Digital Media Academy

UC Irvine | Summer 2018

- Organized and taught basic coding concepts course for 6-8-year-olds
- Mentored teen girls while facilitating wearable tech course

Design Thinking and Communication Courses

Northwestern University | Spring 2018

- Lead team through entire design process including managing client meetings, user interviews, and project milestones
- Segal Design Expo: Communication Award recipient

RELEVANT ACTIVITIES

Develop and Innovate for Social Change, Operations Chair

Northwestern University | 2018 – Present

- Collaborated with clients on various software projects
- Expanded the application of technical skills to create social change

Women in Computing, Grace Hopper Celebration 2019

Northwestern University | 2017 – Present

Teaching Assistant, Machine Learning

Northwestern University | Fall 2019