

# Ava Marie Robinson

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## 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, Nginx, Unicorn
- 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 a suite of 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 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

- Taught 6-8 year-olds preliminary coding concepts
- Facilitated project-centered wearable technology course for teen girls

### 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