

# Hannah McGowan

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## EDUCATION

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### UNIVERSITY OF CALIFORNIA, BERKELEY

Aug 2018 – May 2022

Bachelor of Arts in Cognitive Science

Bachelor of Arts in Economics

Relevant Coursework: Front-end Web Architecture, Computational Models of Cognition, Perception, Philosophy of Mind, Econometrics, Game Theory, Data Structures, Techniques of Data Science

## WORK EXPERIENCE

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### COMPASS @ CODE FOR SAN FRANCISCO

Jan 2023 – Present

Full Stack Engineer

- Contributed to the open-source development of a scalable app aimed at improving student success by centralizing IEP data collection and management processes for special education staff.
- Collaborated with cross-functional teams of designers and developers to understand the desires of and create useful interfaces for diverse user groups.
- Incorporated the design system and responsive design principles into the app's interface.

### COGNITIVE SCIENCE STUDENT ASSOCIATION

May 2020 – Aug 2022

Tech Director

- Redesigned the website interface with a focus on user-centric features and information architecture, reducing redundant information by 30% and increasing overall accessibility.
- Conducted frequent user testing and feedback sessions to gather data on website usability and visual design, leading to a 20% increase in user satisfaction.
- Increased operational efficiency by streamlining the development and update process through the creation of a Github repository for the new website.
- Contributed to the planning and financial management of the successful Berkeley CSSA conference, attracting over 100 attendees, several intriguing researchers, and an interdisciplinary range of notable speakers.

## PROJECTS

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### DISCOVERSPOTIFY

Personal Exploration

- Designed, developed and deployed a web app that leverages the Spotify Web API to analyze user listening habits and generate personalized playlist and song recommendations.

### EXPRESSO

Design Team Prototype

- Conducted comprehensive user research through surveys and interviews to inform the design of a desktop organization web application.
- Created detailed user personas, user flows, wireframes, and a visually striking prototype to showcase in a pitch deck to industry professionals.

## ADDITIONAL

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**Technical:** HTML5, CSS3, JavaScript, Typescript, Git, React, Next.js, NextAuth, Tailwind CSS, Material UI, Python, Java, SQL, PostgreSQL, Recoil, Node.js, Docker, Three.js

**Software:** Figma, Adobe XD, Blender, Maya, Adobe Illustrator, Adobe Photoshop

**Design:** User Research, Information Architecture, Prototyping, Competitive Analysis, User Personas, Wireframes

**Languages:** English fluency; Spanish professional proficiency; Korean basic knowledge

**Certifications:** Google UX Design Professional Certificate