Julia Brain
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EDUCATION

Northwestern University   Evanston, IL
Bachelor of Computer Science, Segal Design Certificate, English Literature Minor   Expected June 2020
Relevant Coursework: Natural Language Processing (Python), Machine Learning (Python), Human Computer Interaction (CSS, HTML, JavaScript), Software Construction (Python), Scalable Software (Java), Agile Software (React, React Native), User Experience Design, Artificial Intelligence (Python), Design/Thinking/Communication, Software Construction, Service Design Studio
Extracurriculars:
- Member of Women in Computing, Society of Women Engineers, Segal Professional Bridge, and .dev
- President and Tech Chair of Northwestern Anime Club: recruit members, build and update club website, plan and promote events, design posters, lead executive meetings, gather and utilize member feedback, create community

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SKILLS
- Experience with coding languages in order of proficiency: Python, React, React Native, HTML, CSS, JavaScript, C++, C#, Java, MATLAB, and Racket
- Knowledge of programs such as Microsoft Office, Firebase, AWS, Figma, GIMP, ServiceNow, and G Suite
- Project management, collaboration, and design
- Front end and full stack design and coding

JOB EXPERIENCE

Northwestern University Residential Services   Chicago, IL
Residential Assistant   September 2019 – June 2020
- Built and maintained community while resolving conflicts and keeping order for three buildings and over 600 students
- Planned and ran events for groups of over 40 people both alone and on a team of 13 other residential assistants

Motorola Solutions   Chicago, IL
IT Global Operations – Software Engineering User Experience Intern/Co-op   June 2018 – September 2019
- Scripted and developed applications within ServiceNow using JavaScript
- Analyzed IT data and records for common trends, frequent users of IT services, and automation opportunities
- Shaped and lead outreach for frequent IT users globally with the goal to improve user experience with IT software and services such as ServiceNow
- Created multiple IT user personas to help guide and justify future changes in IT services
- Presented and proposed ways to improve the user experience with IT based on feedback and data analysis to IT leaders

Northwestern Library Special Collections   Evanston, IL
Student Worker   September 2016 - June 2018
- Barcoded hundreds of books and other materials using databases
- Acquired a close attention to detail, as shelving rare books wrong can cause them to be lost forever

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PROJECTS

FAB   February 2020 – March 2020
- Coded phone app in React Native based off client design with a team of 6
- Developed database schema in Firebase and encoded database interactions based off user actions in the app

Recipe Transformer   September 2018 – December 2019
- Utilizing Python, Beautiful Soup, and Spacy, programmed application that allowed user to input URL of a recipe online and choose from multiple transformation options including making the recipe vegan

Northwestern Anime Club Website (nuanime.club)   December 2017 – February 2018, March 2020
- Designed new interface for club using HTML and CSS. Coded backend using JavaScript
- Redesigned and recoded website using React with an emphasis on maintainability

All Signs Point to Planters   March 2017 - June 2017
- Operated as a project manager for a team of 16 students to research, design, and build planter beds and signs for community soup kitchen A Just Harvest and aided all teams in their roles (marketing, design, and research)