

Julia Brain

555 North Seventh Street, DeKalb, IL

815-762-1808 | juliabrain2020@u.northwestern.edu | www.linkedin.com/in/julia-brain-2020

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), Programming Languages (Racket), User Experience Design, Artificial Intelligence (Python), Design/Thinking/Communication I & II, 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
-

SKILLS

- Experience with coding languages Python, C++, C#, HTML, CSS, JavaScript, MATLAB, and Racket
 - Knowledge of programs such as Microsoft Office, GIMP, SolidWorks, ServiceNow, G Suite, and AutoCAD
 - 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 – Present

- Build and maintain community while resolving conflicts and keeping order for three buildings and over 600 students
- Plan, run, and document 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 in order to help guide and justify future changes in IT services
- Proposed ways to improve the user experience with IT based on feedback and data analysis
- Programed mobile IT service app using ServiceNow with different functions and views based on personas
- Presented findings, personas and suggestions on how to improve the IT user experience globally to CIO, IT department heads, and board of managers

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
-

PROJECTS

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

- Designed new interface for club using HTML and CSS. Coded backend using JavaScript

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)

The Pony and the Lasso

January 2017 - March 2017

- Interacted on a team of three to design and build a functioning, stylish, and portable prototype for a product allowing users with use of only one arm to put their hair up in a high pony tail utilizing client feedback