

ISABELLE DONOGHUE

izzyd@umich.edu | (513) 288-0053 | Ann Arbor, MI

LinkedIn: www.linkedin.com/in/isabelledonoghue

EDUCATION

University of Michigan College of Engineering

Exp. Graduation: May 2026

- **Major:** Computer Science Engineering **Minor:** User Experience Design **GPA:** 3.62/4.0
- **Relevant Coursework:** Web Systems, Data Structures and Algorithms, Programming and Intro Data Structures, Discrete Mathematics, Web Development and Accessibility, Needs Assessment and Usability Evaluation Introduction to Computers and Programming, Statistics, Linear Algebra, Multivariable Calculus III
- **Honors:** Engineering Dean's Honor List (F22 - W24), University Honors (F22 - W24)

EXPERIENCE

The Michigan Daily Web Team

January 2023-Present

Web Engineer

Ann Arbor, MI

- Leading design and development of various websites, such as a full-stack remodel of the Daily Application Portal
- Coded Freshman Orientation and Campus Life Beat editions, generating the highest number of site visits in 2024
- Engineering internal systems and collaborating across sections to enhance reader and employee experiences

Kappa Theta Pi (Professional Technology Fraternity)

August 2023-Present

App Project Manager and Developer, Member

Ann Arbor, MI

- Managing and implementing app features, including widgets and Google Calendar integrated meeting scheduler
- Developing accessible interface designs, using usability testing to create practical and visually engaging layouts

Joy Of Coding

May 2024-Present

Student Coach

Ann Arbor, MI

- Teaching 500+ high school students globally introductory coding concepts in virtual summer program
- Created interactive lessons to teach debugging and reinforce understanding of Python programming skills

PROJECTS

University Flower Shop Flower Finder

July 2024

- Contracted to develop full-stack flower comparison site with data scraped from various wholesale websites
- Utilizing data scraping techniques to develop an API serving data to interactive site for flower shop employees

Instagram Clone

May 2024

- Designed website using Python, REST APIs, JSON, SQL, and HTML to mimic Instagram structure and functionality
- Implemented unique functionalities using React to change static web pages into interactive client-side web pages

CLUBS & ORGANIZATIONS

Collaborative Lab for Advancing Work in Space

August 2022-January 2023

Web Developer and UX Designer

Ann Arbor, MI

- Designed and coded a Mission Control Center as part of an AR application to assist astronauts on lunar missions
- Selected as one of nation's top 10 final teams at 2023 NASA SUITS challenge representing University of Michigan

Michigan Open User Experience Fellowship

January 2022-August 2023

Fellow

Ann Arbor, MI

- Explored UX Design frameworks and concepts to apply in weekly seminars and schoolwide design competitions
- Applied technical knowledge from design seminars to develop lo-fi and high-fi prototypes for social media sites

SKILLS

- C++, Python, SQL, Flask, JSON, React, HTML, CSS, JavaScript, Matlab, REST APIs
- AWS, Figma, Visual Studio Code, Git
- Swedish