

EMMA BROWN

UX Design Student

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WORK EXPERIENCE

UMSI Rise UP 4 CS

Research Assistant Ann Arbor, MI
September 2019 - Present

- Improve user features in interactive e-book using Runestone Academy, Python, Java, and Git
- Lead online and in-person tutoring sessions for groups of 1-20 underrepresented students taking the AP CS-A exam to empower students to explore careers powered by technology
- Developed virtual training course for incoming tutors regarding culturally responsive teaching strategies, online learning, and facilitation skills

UM Office of New Student Programs

Remote Orientation Leader Ann Arbor, MI
May 2020 - August 2020

- Supervised over 400 incoming students' progress in an online orientation course
- Managed a customer service chat feature for incoming students and family members
- Facilitated daily community building conversations over email and video conferences

UM Office of New Student Programs

Orientation Leader Ann Arbor, MI
May 2019 - May 2020

- Lead 30-60 minute campus tours, wrote and presented 5 minute monologues, and supervised 200 students per day with a team of 4 coworkers
- Facilitated daily orientation sessions with groups of 15-200 students about social, mental, and academic wellbeing

UM Hatcher Graduate Library

Technical Services Assistant Ann Arbor, MI
September 2018 - Present

- Maintain library databases and solve e-resource accessibility problems by addressing database outages, performing copyright reviews, and updating vendor information

EDUCATION

University of Michigan Ann Arbor, MI
Bachelor of Science in Information - UX Design
Minor in Computer Science

Expected Graduation: May 2022 | GPA: 3.7/4.0

Activities: Women in Science and Engineering
Residence Program Mentee, Girls in Electrical
Engineering and Computer Science Outreach Committee
Head, Arts at Michigan Ambassador, #BUILTBYGIRLS
Ambassador & WAVE Participant

RELEVANT COURSEWORK

- **EECS 280:** Introduction to Data Structures and Programming
- **SI 206:** Data-Oriented Programming
- **SI 339:** Web Design, Development, and Access
- **SI 320:** Graphic Design

PROJECTS

CSAwesome.org

- Develop unit tests in Java to improve responsiveness of active code problems, create new practice problems, and reformat web page content for readability and engagement

Web Server - EECS 280

- Designed and implemented an office hours queue by writing a REST API that manages a doubly linked list of requests and responses formatted in JSON

Euchre - EECS 280

- Created a simulator of a game of Euchre in C++ with any combination of human or computer players using abstract data types

HONORS AND AWARDS

Teach for America's Rise Student Leadership Experience

May 2020 - Cancelled due to COVID-19

- Selected to attend a competitive professional development conference for undergraduates passionate about addressing education inequity

National Center for Women & Information Technology Aspirations in Computing

2018 Regional Recipient

- Recipient of award recognizing female computer science students in Michigan