# Mikayla Buford.

#### ⟨Education⟩

University of Michigan-Ann Arbor MDes in Integrative Design • May 2022

University of Wisconsin-Madison B.S. Computer Science • May 2020

#### (Research)

# > ORBIT: Web Tool for Collaborative Remote Intercultural Teams

Graduate Research Assistant • University of Michigan • Fall 2020 – present

- Analyzed survey data from a local middle school to produce design considerations for a future ORBIT version for middle school students.
- Updated and maintained ORBIT web tool

# Crisis Couture: An Empirical Study on Motivations and Practices of Mask Makers During a Crisis

Undergraduate Research Intern • Microsoft Research • Summer 2020

 Conducted a mixed methods study of mask makers during the COVID-19 pandemic on their attitudes and reflections on their mask making processes, their unique innovations, and the meaning of contributing in an impactful manner in local and global communities.

# > (Don't) Touch My Hair: Exploring Consent through Interactive Art

Undergraduate Research Intern • Object-Based Media Group @ MIT Media Lab • Summer 2019

• Designed an interactive sculpture of a black woman with an Afro that taught users how to respectfully explore their curiosities about black hair and learn the sensitivity of black women concerning their hair.

### ⟨Professional Skills⟩

Web Programming • Wireframing • Prototyping • Interviewing • User Experience Research • Figma

#### «Awards and Honors»

- Ronald E. McNair Scholar
- MIT Summer Research Program Alumnus
- 2018 AnitaB.org GHC Scholar
- Best Beginner Hack at BuildHer Hackathon · April 2018
- Chancellor's Scholar · Fall 2016 Spring 2020
- Served as Contact Co-Chair and held the responsibility of keeping in contact with 60+ students, managing social media pages, and coordinating get-to-know-you activities.
- Undergraduate Research Scholar · Fall 2016 Spring 2017

## (Work Experience)

- > UI/UX Researcher & Designer
  Fall 2020 present MCubed Project
- Designed various prototypes for an electronic health record (EHR) application to facilitate management of heart failure care. Conducted usability tests with healthcare providers to improve and inform the prototype design.

# > Student Web Application Developer May 2018 – May 2020 • OVCRGE - IT

• Developed and designed various pages for web applications used by the graduate school faculty and staff for admissions using C# and SQL

### < Projects >

#### > bARaids

Fall 2020

 Prototyped an AR-enabled hair accessory that can be braided into someone's hair and whose patterns can be read in an app to reveal the wearer's hair story.

#### → Pink Tax

Summer 2018

 Developed a Java program that calculates the "pink tax", added value to a product that is marketed towards women, of a user's purchase at checkout

# > Thought Jar

Spring 2018

 Co-developend a mobile app that poses thought provoking questions for the user who wants to practice critical thinking and an intentional interaction with technology

#### «Relevant Courses»

Design for the 21st Century • Design Methods • Sci-Fi Prototyping • Prototyping Studio