

# ARUNIMA BHATTACHARYA

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## EDUCATION

### Master of Science in Information

April 2023

Focus: Human Computer Interaction, UX/UI Research & Design

School of Information, University of Michigan – Ann Arbor

GPA: 3.9/4.0

### Bachelor of Science in Computer Science, *magna cum laude*

May 2021

College of Science & Engineering, University of Minnesota – Twin Cities

Minor in Management, Carlson School of Management, University of Minnesota – Twin Cities

GPA: 3.6/4.0

## COURSEWORK & SKILLS

- Coursework: **Usability Testing**, Intro to **Interaction Design**, **Contextual Inquiry** & Consulting Foundations, **Graphic Design**, Fundamentals of Human Behavior, Algorithms & Data Structures, Software Design & Development, AI, Computational Linguistics, Machine Learning
- Languages: C, C++, **Python**, Java, Swift, MATLAB, **HTML**, **CSS**, JavaScript, jQuery, R
- Software: Microsoft Office Suite, **Figma**, **Adobe** Photoshop, Illustrator, **XD**, Microsoft Visual Studio, Git

## WORK EXPERIENCE

- Graduate Student Instructor**, UM School of Information – Ann Arbor, MI **August 2021 - Present**
  - Guided students in coursework to support their development of practical skills relating to the functionality of servers, utilizing the shell, and using git and GitHub, while refining their technical communication skills
- Consulting Summer Scholar Intern**, Deloitte Consulting – Minneapolis, MN **July 2020**
  - Applied technical consulting skills to develop a proposal for technical solutions to support continued business through the pandemic for our client
- Undergraduate Research Assistant**, ProDUCT Lab – Minneapolis, MN **September 2019 – May 2021**
  - Developed the front- and back-end of a website to track and reward student participation in co-reading programs
  - Completed an honors thesis detailing the qualitative analyses that informed the design and development of the student participation tracking and rewarding system
- Undergraduate Teaching Assistant**, UMN - Minneapolis, MN **January 2019 – May 2021**
  - Guided students through computer science course material, while gaining stronger technical communication skills and a greater understanding of fundamental CS concepts
  - Taught weekly lab sections and held weekly office hours to support students throughout the duration of the course
- Information Technology Intern**, Optum [UHG] - Eden Prairie, MN **June 2019 – August 2019**
  - Developed automated testing scripts to validate functionality of key products within incident management software
  - Enhanced technical presentation skills through biweekly status updates for senior directors, and engaged in fast-paced development guided by the Agile DevOps methodology
- WISE Software Engineer Intern**, Medtronic - Moundsview, MN **May 2018 – August 2018**
  - Developed and validated an iOS and Android applications (in Swift and Java/XML) to be applied during Medtronic research studies

## LEADERSHIP & ACTIVITIES

- Vice President**, Science and Engineering Student Board **May 2020 – May 2021**
  - Organized, planned, and led initiatives focused on enhancing campus-life for students in areas of mental health, diversity & inclusion, etc. as a primary student board representative
  - Fostered connections and effective communication across Leadership Team members
- Communications Director**, Science and Engineering Student Board **May 2017 – May 2020**