

Maya Subramanian

EXPERIENCE / PROJECTS

Mindfulness Mobile Application

Personal Project

April 2020

- Designed a mobile application using React-Native to promote emotional wellbeing by encouraging user to select a channel of encouragement (quotes, photos, mantras, validations, etc.) and displaying a generated message
- Launched application onto iOS Appstore; currently debugging and updating based on user testing

Creative AI Twitter Bot

Class Project

December 2018

- Developed a Twitter bot to intelligently predict, generate, and post tweets after scraping a selected user's previous tweets using Tweepy library to access the Twitter API
- Implemented heuristics, using spaCy Python library, to improve grammar and rationality of posts

LEADERSHIP / INVOLVEMENT

Wolverine Support Network

Director of Operations

March 2020 - Present

- Oversaw all relevant operations of the 500-member student organization; collected survey data from members regarding efficiency and performance; published and updated the organization's website using SEO methods to increase traffic; employed an algorithm to place all members into groups
- Analyzed data and communicate findings to non-profit partner The Support Network to inform student mental health programs

Peer Group Leader

March 2019 - March 2020

- Facilitated weekly peer groups, encouraging an open, inclusive dialogue and ultimately improving students' mental health
- Participated in weekly leader meetings, receiving training in mental health counseling, suicide prevention, and leadership

Kappa Theta Pi - Professional Technology Fraternity

Brother

September 2019 - Present

- Attended hack nights, biweekly chapters meetings, quant committee, and professional development events in order to engage with the brotherhood on the topic of technology
- Coordinated women's events to foster community and offer support to females pursuing technical roles

✉ mayasub@umich.edu

☎ (248) 881-9243

in linkedin.com/mayasub

🏠 Columbus, Indiana

📁 github.com/mayasub

EDUCATION

University of Michigan

Ann Arbor, MI | 2018 - 2022

B.S. Computer Science

College of Literature,
Science, and the Arts

SKILLS

Front End

React-Native

Back End

C++, C, Python, ARM

Tools

XCode, Git, R

Other

LaTeX, Adobe Illustrator,
Adobe Lightroom, French

COURSEWORK

Computer Science

Data Structures and Algorithms

Programming and Data Structures

Computer Organization

Discrete Mathematics

Elementary Programming Concepts

Other Notable Courses

Introduction to Cognitive Science

Statistics and Data Analysis

Schooling and Multicultural Society