Samia Abdi

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Education

Bachelor of Science in Psychology, Minor in Computer Science , *Expected May 2021*
University of Minnesota – Twin Cities
Coursework Includes: Machine Architecture and Organization, Software Engineering I, User Interface Design Implementation and Evaluation, Algorithms and Data Structures, Introduction to Artificial Intelligence, Practice of Database Systems
GPA: 3.43

Skills

Languages & Tools: Python, Java, C, HTML, JavaScript, Processing, Git
IDES: IntelliJ, Visual Studio Code
Frameworks: React

Industry Experience

Software Engineering Intern, June 2020 – August 2020
JP Morgan Chase & Co, Chicago, Illinois (Remote)
- Worked in an agile environment with other interns to successfully plan, execute and deploy a React web application with a Twilio video experience to enhance digital learning in response to COVID -19
- Implemented open source code for data visualization, utilized Java Streams and lambda expressions to analyze data and demonstrated a strong learning curve
- Completed modules in Python and Java to understand workflow in banking industry
- Collaborated with team members, product owners, and managers, to better understand client-developer relationships and fully understand the needs of the non-profit group
- Created a final presentation to showcase our solutions to managers, business groups, tech leaders, and product owners

Introduction to Algorithms, Data Structures, and Program Development Teaching Assistant, August 2020 – Current
University of Minnesota, Minneapolis, Minnesota
- Collaborate with other teaching assistants to grade assignments and exams while conducting labs
- Serve as an aid to students by providing time and availability to answer questions

Project Experience

#CodeChella Hackathon Competitor, *Twitter*
- Built a prototype Event management system for Twitter to give users more tools to connect with each other
- Tech stack included React, ArcGIS API, MongoDB, Twitter API, HTML, and CSS

Code for Good Hackathon Competition, JP *Morgan Chase & Co*
- Created a React Native IOS & Android mobile app to provide resources for a nonprofit organization
- Selectively chosen to participate because of technical skills, demonstrating the ability to plan and organize work to solve problems, and passion for using technology to help others

Hackathon Competitor, *MinneHack*
- Created a mobile app to provide resources to those with an opioid addiction implemented a Google Maps API
- Demonstrated problem solving skills and technical skills by building on JavaScript skills

Leadership

Operations Director/Co-Founder, *Enjoining Good*, July 2019 – Current
- Recruited and lead an executive board to fundraise over $20,000 for orphan sponsorships in the Horn of Africa

Operations Director/President, *Al Madinah Cultural Center*, June 2020 – Current
- Demonstrated leadership and teamwork skills by overseeing the day to day operations of the organization and point of contact for over 500 general body members and executive board

Secretary, *Association for Computing Machinery – Women (ACM-W),* June 2020 – Current
- Maintained and organized online documents, tracked event attendance for annual ACM-W report, took notes during meetings, and assigned tasks to groups.

Activities and Honors

- Dean's List, University of Minnesota, Fall 2017
- Member, *National Society of Black Engineers,* University of Minnesota, Fall 2019 – Present
- Research Presentation at Winter 2020 SRCD Special Topic Meeting: Construction of the 'Other': Development, Consequences, and Applied Implications of Prejudice and Discrimination.