Nora Morsi

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Education:

University of Washington *in Seattle, WA*   *Expected Graduation 6/2022*
- Pursuing B.S. in Computer Science, 3.77 GPA
- Relevant courses completed: Software Design & Implementation, Data Structures & Parallelism, Explorations in HCD
- Intended courses: Human-Computer Interaction, Artificial Intelligence, Algorithms, Physical Computing

Projects:

Campus Pathfinder *in Java, React, HTML, & CSS*   *4/2020 – 6/2020*
- Developed experience in software development by constructing application to find shortest path from two buildings on campus, creating project specifications and automated tests throughout design process

Naïve-Bayes Spam Filter *in Java*   *2/2020*
- Built algorithm given testing data to identify if an email is classified as spam based on vocabulary used
- Incorporates computing probability and statistics concepts in constructing the algorithm

Elderly Fall Monitoring System *utilizing CAD, 3D printing, silicone molding, & soldering*   *10/2018 – 6/2019*
- Designed and prototyped a device that records the falls of elderly individuals to assist research with Department of Rehabilitation Medicine at the University of Washington

Relevant Experience:

Student Assistant *with the Office of Animal Welfare at UW*   *11/2019 – now*
- Test and maintain proprietary web application used to document protocols for animal testing with the University of Washington, coordinating test cases using SharePoint and Excel
- Contribute to content development, offering feedback on usability and design of training documents

Lead Instructor *with iD Tech*   *6/2019 – 8/2019*
- Taught coding and engineering to students in project-based classroom, ranging from programs like Scratch and Sphero to high-level coding with Java and Python
- Led team of instructors in how to navigate teaching a diverse classroom effectively and how to navigate difficult situations with students to benefit both instructors and student and encourage growth

Africatown Research *with Dr. Daniela Rosner of UW HCDE*   *4/2019 – 6/2019*
- Conducted research on the Africatown project and created connections with its founders to better understand the concerns of Central Area residents who are threatened by development displacement
- Created low-fidelity prototype of app that highlights history and stories of Central Area residents and offers resources about Africatown and its movement

Interactive Tangible Display Research *with Dr. Brock Craft of UW HCDE*   *4/2019 – 5/2019*
- Fabricated electrochromic displays and utilized them in animating an image on a lamp, focusing on innovative storytelling through new technologies

Activities:

Office of Outreach and Involvement Intern *with the Associated Students of UW*   *8/2020 – now*
- Work together with Director of Outreach and Involvement (OI) to build relationships with interns and volunteers throughout the student government, cultivating a welcoming and supportive environment
- Redesign OI website to increase recognition of other entities' volunteers within student government, while highlighting future opportunities to get involved in variety of communities on campus

Director of Programming Intern *with the Associated Students of UW*   *11/2019 – 6/2020*
- Collaborate with the Director of Programming and fellow interns to put on major events for the students of UW Seattle to encourage a positive and inclusive environment on campus
- Attend meetings for Rainy Dawg Radio and Arts + Entertainment commissions to act as a liaison between director and smaller commissions