

ALYSSA HUQUE

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EDUCATION

SEPTEMBER 2017 - JUNE 2021

The University of Oregon, Eugene, OR

Bachelor of Science Dual Degree - Mathematics & Computer Science, Political Science (Phi Beta Kappa member)

TECHNICAL EXPERIENCE

SEPTEMBER 2021 - PRESENT

Associate Software Engineer, Nike - Operations & Logistics, Beaverton, OR

- Writing a java library that instruments Splunk data into key/value pairs in order to optimize data retrieval and querying
- Built Splunk dashboards that showed microservice performance across the domain for Senior Management/VPs

OCTOBER 2021 - PRESENT

Vice President of Engineering and Fullstack Engineer, Ayuda, Seattle, WA

- Building a data driven healthcare app that improves patients' access to healthcare facilities by creating a place to leave reviews that will improve analysis for sales representatives and research institutions
- Responsible for writing code, managing the progress of engineers, and designing new features in line with business needs

SEPTEMBER 2020 - JUNE 2021

Mathematics Teaching Assistant, UO Mathematics Department, Eugene, OR

- Taught labs for MATH 105 (logic, sets, probability, and statistics) and MATH 107 (mathematics in political systems)

JUNE 2020 - AUGUST 2020

Global Technology Intern, Nike - Enterprise Service Management Engineering, Beaverton, OR

- Built two predictive intelligence models to automatically route internal technology requests to the correct department
- Finalist for the 2020 Nike Intern Combine competition for a business plan to increase engagement in Nike Membership

SEPTEMBER 2019 - JUNE 2020

Artificial Intelligence Research Assistant, UO Computer & Information Science Department - Artificial Intelligence Lab, Eugene, OR

- Researched and analyzed how neural networks could be used to improve computer simulations of security game theory
- Conducted literature reviews, built a basic neural network, and tested the processing of data

JUNE 2019 - AUGUST 2019

Informatics Intern, Oregon Health & Science University - Department of Medical Informatics and Clinical Epidemiology, Portland, OR

- Developed a software program in python 3.6 to parse electronic health records and transform the data into the OMOP Common Data Model to improve the quality of data and analyses that come from research and clinical trials

LEADERSHIP EXPERIENCE

AUGUST 2018 - JUNE 2020

Resident Assistant, UO Housing, Eugene, OR

- Trained as a mentor, mediator, and in emergency response protocol for medical and mental health crises and bias incidents

AWARDS

Nike 2020 NTCX Case Study Competition Winner

- Presented an idea to utilize NTC to promote the Paralympics

Presidential Undergraduate Research Scholar

- Competitive fellowship awarded to students involved in research.

Wayne Morse Scholar

- Political Science scholars program for outstanding students.

SKILLS

Python, Splunk, C, Java, JavaScript, React, UNIX, VIM/VM, VirtualBox with Arch Linux, IDLE, ServiceNow, Flask, XML, Windows, PyCharm, Powershell, Wordpress, Microsoft applications, HTML, public speaking