

# ALYSSA HUQUE

Portland, Oregon

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## SUMMARY & OBJECTIVE

Data engineer with professional experience in data analytics and data compliance initiatives. Seeking to advance my career by combining my practical experience of data analytics and engineering with my passion for data privacy and protection.

## EDUCATION

### UNIVERSITY OF OREGON

Eugene, OR

*Bachelors of Sciences - Political Science, Mathematics & Computer Science (GPA: 3.71)*

SEPTEMBER 2017-MARCH 2021

**Honors:** Phi Beta Kappa Honor Society, Presidential Undergraduate Research Scholar recipient, Wayne Morse Scholar

## SKILLS

- *Skills:* Public speaking, strong communication skills, data analytics, cross functional collaboration
- *Programming Languages:* SQL, Python, Spark, Splunk, HTML, Hive
- *Softwares:* Microsoft office suite, Snowflake, ServiceNow, JIRA, Hadoop, UNIX, VIM/VM, PyCharm, Wordpress
- *Notable Coursework:* Harvard Data Privacy and Technology (in progress), Computer Crime Law (CIS400), Artificial Intelligence Research (CIS401), Democratic Dilemmas (PS351), US Supreme Court (PS484)

## WORK HISTORY

### NIKE, ENTERPRISE DATA & ANALYTICS - MARKET INSIGHTS

Beaverton, OR

#### Data Engineer

MARCH 2023-Present

- Developed and maintained ten ETL pipelines for all Nike surveys and market insights data
- Collaborated with cross-functional teams to develop curated layers

### NIKE, COMPUTER INFORMATION & SECURITY - IT COMPLIANCE

Beaverton, OR

#### Rotation III: IT Compliance Analyst

SEPTEMBER 2022-March 2023

- POC for automating the detection of security vulnerabilities in databases for compliance with the Sarbanes-Oxley Act
- Documented security automations of Nike's financial data systems to provide to auditors
- Performed internal validations that security automations were in compliance with the SOX Act and best practices

### NIKE, ENTERPRISE DATA & ANALYTICS - STORES CONSUMER INSIGHTS & ANALYTICS

Beaverton, OR

#### Rotation II: Associate Data Engineer

MARCH 2022-September 2022

- Automated quarterly & monthly data analytic reports for over 1,000 Nike stores to identify business trends

### AYUDA SOFTWARE, SEED FUNDED STARTUP

Seattle, WA

#### Vice President of Engineering

OCTOBER 2021-September 2022

- Built a platform to improve healthcare access by integrating rating, review, survey & recommendation systems
- Responsible for creating data management policies, managing engineers, feature design, and full stack development

### NIKE, GLOBAL OPERATIONS & LOGISTICS - ORDER MANAGEMENT & FULFILLMENT

Beaverton, OR

#### Rotation I: Associate Software Engineer

SEPTEMBER 2021-MARCH 2022

- Performed analyses on query runtime resulting in the creation of a Java library for 500 microservices that instruments Splunk data into standardized key/value pairs to unlock new analytical capabilities & optimize query performance
- Built Splunk dashboards and presented to Senior Management/VPs to enhance visibility of microservice performance

### NIKE, TECHNOLOGY OPERATIONS - ENTERPRISE SERVICE MANAGEMENT ENGINEERING

Beaverton, OR

#### Global Technology Intern

JUNE 2020-AUGUST 2020

- Reduced IT processing time by 1,275 hours by building predictive intelligence models to automatically route requests

### UNIVERSITY OF OREGON, COMPUTER & INFORMATION SCIENCE DEPARTMENT - ARTIFICIAL INTELLIGENCE LAB Eugene, OR

#### Research Assistant

SEPTEMBER 2019-JUNE 2020

- Conducted literature reviews and tested the processing of data into neural networks