

# ALYSSA HUQUE

Portland, OR • alyssahuque@gmail.com  
alyssahuque.com • linkedin.com/in/alyssahuque • github.com/alyssahuque

## SUMMARY

Data engineer with professional experience in optimizing analytical capabilities, building predictive models, creating and maintaining data pipelines, and providing business insights from data.

## EDUCATION

### UNIVERSITY OF OREGON

Eugene, OR

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

SEPTEMBER 2017-MARCH 2021

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

## SKILLS

- Languages: Python, Spark, SQL, Splunk, HTML, Hive, CSS, C, Java, React
- Software: Snowflake, ServiceNow, Hadoop, UNIX, VIM/VM, PyCharm, Wordpress
- Certifications: SQL for Data Science (UC Davis, April 2022), Data Analysis Using PySpark (Coursera, May 2022)

## TECHNICAL EXPERIENCE

### NIKE, ENTERPRISE DATA & ANALYTICS - EXPERIENCES CAPTURED FOR HEIGHTENED OPTIMIZATION

Beaverton, OR

#### Data Engineer

MARCH 2023-Present

- Responsible for the development, deployment, monitoring, and maintenance for all pipelines relating to Nike survey data (**Python, Spark, SQL**)

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

Beaverton, OR

#### Associate Compliance Engineer

SEPTEMBER 2022-March 2023

- Created a **ServiceNow** POC for automating the detection of security vulnerabilities in databases to be in compliance with the Sarbanes-Oxley Act
- Validated and documented security automations to increase the efficiency audits

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

Beaverton, OR

#### Associate Data Engineer

MARCH 2022-September 2022

- Reengineering source data into **Hive** tables for downstream business insights on inventory decisions & store locations
- 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-August 2022

- Built an app to improve healthcare access by integrating rating, review, survey & recommendation systems for two million healthcare providers
- Responsible for full stack development (**Python, SQL, CSS, React**), feature design & managing engineers

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

Beaverton, OR

#### Associate Software Engineer

SEPTEMBER 2021-MARCH 2022

- Created a **Java** library for 500 microservices that instruments Splunk data into standardized key/value pairs to improve analytical capabilities & optimize queries
- Built **Splunk** dashboards for Senior Management/VPs to enhance visibility of all 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

- Tested the processing of data into neural network & conducted literature reviews