ALYSSA HUQUE

Portland, OR

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SUMMARY & OBJECTIVE

Data engineer with over three years of professional experience in designing, developing, deploying, maintaining, and enhancing scalable ETL pipelines to unlock business insights.

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**, **PySpark**, **SQL**, **Git**, Splunk, HTML, Hive, CSS, C, Java, React
- Software: **Databricks (SME), Snowflake (admin)**, ServiceNow, Hadoop, UNIX, VIM/VM, PyCharm, Wordpress
- Certifications: Ethics, Technology, + Public Policy (Stanford, 2024), Philosophy, Ethics, & Technology (Harvard, 2024)

TECHNICAL EXPERIENCE

NIKE INC, ENTERPRISE DATA & ANALYTICS - CONSUMER PRODUCT INSIGHTS   **Beaverton, OR**

Engineering Lead   **MARCH 2024-Present**

- Ingestion and analytics team for Nike consumers' surveys and reviews data. Data informs decisions related to product design as well as digital and in store shopping experiences.
- Responsible for twenty one data projects of which twelve I designed, developed, tested, deployed, and maintain
- Led a high performing squad of two data engineers and one analyst
- Managed communications and technical requirements with cross functional stakeholders and ten external vendors

NIKE INC, ENTERPRISE DATA & ANALYTICS - VOICE OF CONSUMER   **Beaverton, OR**

Data Engineer   **MARCH 2023-MARCH 2024**

- Responsible for the development, deployment, monitoring, and maintenance for eight ingestion pipelines
- Snowflake warehouse administrator

NIKE INC, COMPUTER INFORMATION & SECURITY - IT COMPLIANCE   **Beaverton, OR**

Rotation III - Associate Compliance Engineer   **SEPTEMBER 2022-March 2023**

- POC for automating the detection of security vulnerabilities in databases for compliance with the Sarbanes-Oxley Act

NIKE INC, 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

NIKE INC, GLOBAL OPERATIONS & LOGISTICS - ORDER MANAGEMENT & FULFILLMENT   **Beaverton, OR**

Rotation I - 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 INC, 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