

ZEV ROSENBAUM

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Work History

Qualtrics - Reston, VA 06/2023 - 09/2023

Software Engineer Intern

- Developed and implemented partitioning support for the machine learning data repository to decrease loading time by 50% (half) for large datasets across multiple consumer products.
- Used Docker, Jenkins and Nomad to automate the machine learning deployment process.
- Updated RDS logs to track usage and key metrics for 100's of customer queries.

Nordstrom, Inc. - Seattle, WA 01/2023 - 04/2023

Software Engineer Intern

- Built a React app to display web accessibility data in an interactive dashboard to help website teams analyze compliance with accessibility standards.
- Scheduled weekly automatic merge requests to create a pipeline carrying weekly accessibility data to the dashboard to provide users with reliable information.
- Utilized the Jest framework to conduct unit testing and verify results.

Amazon.com, Inc. - Seattle, WA 08/2020 - 07/2021

Financial Analyst

- Programmed VBA script to transform raw data, eliminating 4 hours of manual effort.
- Modified SQL queries to reduce run time for over 20 manual journal entries.

Education

Northeastern University - Seattle, WA 09/2021 - 08/2023

Master of Science in Computer Science

- Facebook Merit Scholarship Recipient

Rutgers University - New Brunswick, NJ 09/2016 - 05/2020

Bachelor of Science in Finance

- Dean's List Fall 2016, Spring 2017, Spring 2020

Projects

Nordstrom Resale Platform

Ranked Top 5 at Nordstrom Hackathon

- Worked within a cross-functional team to design a prototype for a clothing resale site that was ranked a Top 5 project.
- Drafted an item selection model to determine resale eligibility of any item based upon brand popularity and inventory level.
- Deployed a backend REST API written in Java to Kubernetes to implement the data pipeline.

Amazon Kiva Robot Floor Map Validation

Written in Java

- Designed a simulation of the Amazon Kiva robot that helps warehouse associates efficiently deliver packages.
- Implemented an Object-Oriented Design to read in user input, initiate robot movement, and test functionality.
- Conducted unit and integration tests to validate the robot's proper starting and ending position and avoidance of obstacles.

Skills

- **Programming Languages:** C/C++, Java, Python, R, SQL, JavaScript, HTML/CSS
- **Technologies:** ReactJS, Docker, Jenkins, AWS, Vim, Git

Languages

- **English** - Native
- **French** - Intermediate
- **Spanish** - Intermediate