RISHI SATOOR

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WORK EXPERIENCE

Walmart Global Tech   January 2019 - Present

Software Engineer III

- Designed and implemented the new Item-Blacklist data pipeline to deliver rule data to Polaris
- Developed tools for Search to increase relevance, curate recall, and enable team leads to view search metrics
- Created an automated workflow to decreased search engine eval time from 1-2 days to 5-10 minutes
- Led adoption of Apollo GraphQL throughout our search tools

Paya Labs   June 2017 - August 2017

iOS Engineer Intern

- Created iOS application for the Paya Labs' online learning platform using React-Native and developed the practice room for mobile-based music practice

WalmartLabs   June 2016 - August 2016

Search and DevOps Software Engineer Intern

- Created a dashboard for the executive team that provides a quick and concise high-level view of search service health

EDUCATION

University of California, Berkeley

B.A. in Computer Science and Applied Mathematics

Graduation: Fall 2018

Relevant Coursework: CS61B (Data Structures), CS61C (Machine Structures), CS170 (Algorithms), CS188 (Artificial Intelligence), CS189 (Machine Learning), CS160 (UI Design and Development), Stat134 (Concepts of Probability)

SOFTWARE PROJECTS

Spam vs Ham Classifier   April 2018

- Created a classifier with logistic regression to distinguish between ham(not spam) and spam emails
- Used basic EDA which aided in feature selection in order to improve the model

Age Ordering   November 2017

- Python algorithm that orders a list of people based on age with constraints of the form (a b c) detailing only that c is not in between a and b
- Used a variation of the 3-SAT algorithm with 3-Change to get out of local minima

TECHNICAL STRENGTHS

Computer Languages	Javascript, Python, Java, C, MIPS
Tools & Frameworks	React, Apollo GraphQL, Redux, Node.js, Hapi, SpringBoot