RISHI SATOOR

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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)

WORK EXPERIENCE

Paya Labs   June 2017 - August 2017

iOS Engineer Intern   *Sunnyvale, CA*

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

Walmart Labs   June 2016 - August 2016

Search and DevOps Software Engineer Intern   *Sunnyvale, CA*

· Created a dashboard using React.js, Node.js, Highcharts, and Bootstrap for the executive team that provides a quick and concise high-level view of company services and health.
· The health tab shows the health in regards to latency for the 5 main company services
· The Product Updates tab shows recent index flips and product updates and the Alerts tab shows any P1 alerts from the past week and their status

Ellie Mae   March 2016 - June 2016

Software Engineer Intern   *Pleasanton, CA*

· Created tool to automate the addition of clients to the main Ellie Mae database in order to fix the tedious manual entry method

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

Relational Database Management System   October 2015

· Java program that stores data tables and includes a query language like SQL for extracting information from the tables

TECHNICAL STRENGTHS

Computer Languages	Java, Python, JavaScript, C, MIPS
Tools & Frameworks	Bootstrap, React.js, Node.js, React Native, Expo, Eclipse, Git, Android Studio