

Savan Doshi



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Education

North Carolina State University

Bachelors of Science in Computer Science
Mathematics Minor & Statistics Minor

GPA: 3.83

Graduation: May 2022

Relevant Coursework: Data Structures and Algorithms, C, Java, Multivariable Calculus

Awards: Computer Science Honors, HackNC 2020 Best Sustainability Hack, Carolina Data Challenge 1st Place

Skills

Languages: Java, Python, C, Typescript, HTML, CSS, R, JavaScript

Frameworks/Other: Git, Angular, NodeJS, TensorFlow, Jenkins, MariaDB, React, DynamoDb, Express, Spark, Glue, Kinesis, Lambda, Pandas

Experience

Google Software Engineer, July 2022 - Mountain View, CA

Amazon Software Engineer Intern, May 2021 - August 2021 Palo Alto, CA

- On the Amazon Search (A9) team I implemented a system that automatically took incoming product data partitions and indexed them at a rapid pace for search engine use. I worked on the spark job that took the partition and transformed the data into a readable format, the lambda trigger function to detect incoming partitions, the cloud formation stack to establish AWS resources, as well as the kinesis stream that sent the transformed data into the indexing service.
 - This allowed priority products to not have to go through bulk ingestion which takes 36 hours and become indexed within 30 minutes.
 - Used: AWS Glue, Kinesis, Lambda, Apache Spark, Python, TypeScript

The Vanguard Group Software Engineer Intern, May 2020 - August 2020 Charlotte, NC

- Implemented the backend of a web application that allows Vanguard sales associates to communicate and track financial advisors social media and activity. I worked on the Node server, DynamoDb table as well as the Angular backend services to get data from Social Media REST APIs and store them.
 - This allowed an increase of interactions between the Vanguard sales team and financial advisors allowing sales associates to further their knowledge on their clientele.
 - Used: Angular, Node JS, TypeScript, DynamoDb