

RUMEET GORADIA

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EDUCATION

Rutgers University – Honors College

Bachelor of Science in Computer Science and Business Analytics & Information Technology

New Brunswick, New Jersey

May 2021

GPA: 3.93/4.00

- **Relevant Coursework:** Introduction to Artificial Intelligence, Massive Data Mining, Data Structures
- **Honors:** Dean's List (all semesters), Beta Gamma Sigma (top 10% of Business School), Presidential Scholar

PROFESSIONAL EXPERIENCE

Schonfeld Strategic Advisors

Software Engineer, Portfolio Management Team

New York City, New York

July 2021 – Present

- Lead implementation of over 10 different firm initiatives, including but not limited to over-the-counter product trading, thread-safe memory usage optimization, and transferrals of traders' positions across prime brokers
- Create over 20 AWS-based microservices using Java and Spring Boot to facilitate continuous execution processing and position tracking by portfolio managers, including report generation and trade date calculation
- Design complex systems using tools like PostgreSQL, Control-M, and Kafka collaboratively with other internal teams, as well as with external vendors, for new initiatives and improvements requested by product managers
- Provide support daily to about 10 front-office and back-office teams as they ask questions regarding instructions for previously developed systems and raise issues involving unexpected errors in production environments

Software Engineering Intern

June 2020 – August 2020

- Constructed a general, portable search engine using Apache Lucene, along with an implementation specific to portfolio management that enabled users to search for securities with case insensitive and/or substring queries
- Facilitated the development process for more than 5 different services through testing using JUnit unit tests, deployment to test and production environments using Jenkins and Docker, and documentation with Confluence
- Researched and experimented with the fundamentals of AWS-based microservices, including Kafka, Java, Spring Boot, and other tools, leading to an enhanced comprehension of enterprise-level software engineering

KPMG LLP

Information Technology Audit and Assurance Intern

New York City, New York

June 2019 – August 2019

- Engaged in strategic analysis and risk assessment to assist the company's audit division and clients in completely understanding potential technology-related risks and the significance they have to the business and its financials
- Collaborated with 6 distinct clients' internal audit teams to ensure complete and accurate reporting and testing of each client's relevant IT infrastructure regarding security, access management, business intelligence, and so on
- Examined at least 25 technology policies and configurations for each client in an effort to assist in assessing, managing, and remediating potential risks so clients can avoid reputational damage and loss in overall valuation

PROJECTS

Advocate Black Lives Matter

Next.js, Contentful, Vercel

Edison, New Jersey

June 2020

- Composed a website representing a repository of information, including peer-reviewed facts and expert opinions, supporting the Black Lives Matter movement and refuting arguments commonly used against its validity
- Utilized Contentful to provide data disputing 9 arguments against Black Lives Matter to a user interface powered by Next.js and enabled users to submit and/or request specific arguments through a custom-built forms system

Android Photos64

Java 8, Android Studio

Piscataway, New Jersey

April 2020

- Designed an Android application that allows users to organize photos from their camera roll or downloaded from the Internet into customized albums, to assign tags to each photo, and to search for photos via different criteria
- Implemented additional features to replicate a definitive Android application's functionality, including constant recording of the user's in-app data and a preliminary security check when accessing the user's photo library

SKILLS AND INVOLVEMENT

Programming Languages: Java (*Maven, Spring Boot, JavaFX*), Python (*Anaconda, NumPy, Jupyter*), JavaScript (*ReactJS, Next.js, Node.js*), SQL (*MySQL, PostgreSQL*), Bash (*CLI, scripts and functions*), R, C

Development Tools: Git (*GitHub, Bitbucket*), Project Management (*Jira, Confluence*), IDEs (*Eclipse, Visual Studio*)

Conversational Languages: English (*native*), Spanish (*proficient*), Gujarati (*basic*)

Involvement: StreetWise Partners, Road to Silicon V/Alley Program, Google Community Leaders Program