

Kashish Patel

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EDUCATION

Duke University

B.S. in Computer Science

Minor in Finance & Certificate in Decision Sciences

Durham, NC

Aug. 2015 - Dec. 2018

WORK EXPERIENCE

Bridgewater Associates

Product Integration Engineer

Westport, CT

Feb. 2019 - Present

- Investment Engine Team within Research Division

Duke University - Fuqua School of Business

Teaching Assistant

Durham, NC

July 2018 - Sept. 2018

- **Data Infrastructure** course teaching fundamentals of data storage, processing, manipulation, and analysis for ~140 students in the Master of Quantitative Management program using SQL, Python (pandas), and R.
- Involved in grading, generating homework and exam questions, and answering students' questions through email.

GE Digital

Software Engineering Intern

Milwaukee, WI

May 2018 - Aug. 2018

- Aligned with **GE Healthcare** as part of the Digital Technology Leadership Program. Worked on the Remote Services Technology team.
- Developed microservice in Java using Spring Boot to query analytics data store and retrieve stored analytics records.
- Implemented new execution mode for analytics execution engine in Python to keep Docker containers alive after running a function. Sped up multiple executions of same function by 78%.

In-Video Impressions

Software Engineering Intern

Durham, NC

Aug. 2017 - Dec. 2017

- Developed a client-facing marketplace & dashboard for an advertising technology startup to connect brands with artists and creators through product placement in media content.
- Integrated Google AdWords and YouTube APIs into web application for more effective ad targeting and to pull streamlined and impactful data regarding content consumers.
- Analyzed viewer data and created visualizations to provide actionable insights to clients regarding ad campaigns.

Daylight Data Consulting

Software Development Intern

Durham, NC

May 2017 - Aug. 2017

- Worked with the following B2B clients to create microservices and mobile applications based on business needs.
- **Sprout City**: Created a microservice in Go leveraging third party APIs to automate generation of PDF documents from client data. Developed an internal Android application to efficiently manage customer information in the field.
- **Jot Health**: Concurrently developed native WebSocket based healthcare messaging apps for iOS and Android with functionality for interactive JavaScript based third party add-ons.
- **NeuroPlus**: Implemented redesign of marketing page and subscription sign up process based on UX mockups using Bootstrap and Ruby on Rails.

PROJECTS

Robinhood Trading Bot: Developed trading bot in Python that executes trades using Robinhood API based on strategies backtested on Quantopian.

IOU Tracker: Created web application to accurately track lending and borrowing between friends. Implemented API in Python and currently developing web and mobile clients.

PROGRAMMING SKILLS

Languages: Java, Python, JavaScript

Frameworks: Spring Boot, Django, Flask, Vue.js

Databases: MySQL, PostgreSQL, MongoDB

Tools: AWS, Docker, Git, Android SDK