Salman Siraj

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Education

New York University | B.S. Computer Science   Sep 2017 - May 2020
- GPA : 3.43 / 4.00
- Relevant Coursework: Data Structures/Algorithms, Databases, Object Oriented (C++), Data Visualization

Skills

- **Languages:** Python, C++, Swift, Java, SQL, JavaScript
- **Web & Databases:** Flask, Node.js, React, Django, MongoDB, MySQL, DynamoDB
- **Tools and Technologies:** Git, Unit Testing, Agile (Scrum), AWS, Linux, Jenkins, Docker

Experience

BNY Mellon | Incoming Software Engineer   Jul 2020

Livepin Inc. | Software Engineering Intern   Jan 2020 - May 2020
- Utilized React/AWS Lambda to deploy analytics feature that helps users track real-time streaming data
- Optimized explicit API calls within components, which led to a 50% reduction in load time of bidirectional requests from AWS Lambda server + API Gateway

BNY Mellon Software Engineering Intern   Jun 2019 - Aug 2019
- Deployed a real-time Kibana dashboard and Spring Boot application providing internal database analytics, which is used by 10+ developer teams from several business units
- Implemented REST API endpoints that requests data from VerticaDB, formulates metrics to JSON, and ingests into an Elasticsearch instance

New York University | Teaching Assistant   Aug 2018 - Dec 2018
- Conducted weekly recitations for 25-30 students to fortify concepts of Data Structures & Algorithms
- Facilitated discussions around programming best practices and debugging strategies during office hours

Ouvos Technologies | Co-Founder & Software Developer   Jan 2016 - Feb 2018
- Developed navigation feature tailored for cyclists using Mapbox API and Python Beautiful Soup module to web scrape bike routes in different cities. iOS App is being tested and used daily with over 250 + users
- Unit tested and implemented user stories in a SCRUM environment, and worked to sync with Android team to keep consistency in design

Projects

MeTA | Github
- Architected virtual Kiosk/MetroCard iOS app with integrated transit location using Google Maps API
- Utilized IBM Watson & CoreML to verify images of turnstile devices and store transactions via RealmDB

Clothly | HackNYU 2018 Finalist | Github
- Created a clothing donation iOS app for non profit organizations and donors with a reward system
- Spearheaded the design of a responsive website from POC to MVP for the app using React

Coursemates | Github
- Developed full-stack web app which encourages students to post, share, and rank other colleagues notes
- Implemented the back-end service using Flask/MongoDB and Jinja for the front-end