Salman Siraj

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Education

New York University *Sep. 2017 - Jun. 2020*
B.S. Computer Science · Minor in Applied Mathematics Major GPA: 3.6/4.0 | Cum. GPA: 3.4/4.0

Relevant coursework: Data Structures · Algorithms · Object Oriented Programming · Compilers · Databases · Computer Architecture · Operating Systems · Data Visualization · Programming Languages

Work Experience

Livepin Inc. *Feb. 2019 - Present*
Software Engineering Intern New York, NY
- Deployed analytics feature that helps users track real-time streaming data using React.js and AWS Lambda
- Designed and built backend service in Java to broadcast video streaming instances using Wowza API

BNY Mellon *June 2019 - Aug. 2019*
Summer Technology Analyst New York, NY
- Deployed a real-time performance monitoring Spring boot application providing internal database analytics
- Ingested data metrics on Elasticsearch instance from Vertica DB by implementing a RESTful API with Java
- Exposed payload to Kibana Dashboard which is used by over 10 developer teams from several lines of business

U START *Aug. 2018 - Jan. 2019*
Software Engineering Intern Brooklyn, NY
- Developed creative tools to add to the site that allow intuitive and user interaction and accessibility
- Minimized front end load time by 25% through reducing requests and website workflow content with React.js

NYU Computer Science and Engineering *Aug. 2018 - Dec. 2018*
Undergraduate Teaching Assistant Brooklyn, NY
- Conducted weekly recitations for 25-30 students to fortify concepts of Data Structures (CS 1134)
- Facilitated active student discussions about programming practices and debugging strategies during office hours

Ouvos Technologies *Jan. 2016 - February 2018*
Co-Founder and Software Developer New York, NY
- Developed turn-by-turn navigation feature using Mapbox API for beta version which is currently being tested and used daily with over 250 + early adopters in New York City area
- Strategized the product pipeline with development team for a potential partnership with DOT about monetizing collected data regarding road infrastructure from iOS application

Projects

Clothly (HackNYU 2018 Finalist) | Frontend and iOS
- Created an iOS clothing donation app with a reward system to incentivize people to donate using Swift
- Spearheaded a 3-person frontend team and designed a responsive website for the app using React.js

Course Mates | Full Stack
- Developed a web app with a reward system that encourages students to post, share, and rank course notes
- Implemented backend service using Flask and MongoDB to sort user notes real-time based on user ratings

MeTA | iOS
- Architected and implemented a virtual Kiosk machine/metrocard application for transit customers
- Utilized IBM Watson and CoreML for image recognition feature, and stored user transactions via RealmDB

Skills

Programming:	Python · C++ · Swift · Java · JavaScript
Web & Databases:	Flask · Node · React · Django · MongoDB · MySQL · DynamoDB
Tools & Technologies:	Git · RESTful APIs · Unit Testing · Scrum · JIRA · Visual Studio · AWS