# Salman Siraj

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## EDUCATION

### NEW YORK UNIVERSITY
**Bachelor of Science**
May 2020 | Brooklyn, NY
Major: Computer Science
Minor: Applied Math

Major GPA: 3.6/4.0

## SKILLS

### PROGRAMMING
Python • C++ • Swift •
Java • JavaScript

### WEB & DATABASES
HTML/CSS • Flask • Node.js •
React • Django • MongoDB •
MySQL • DynamoDB

### TOOLS & TECHNOLOGIES
Git • Restful APIs • Unit Testing •
Agile (Scrum) • JIRA • Visual Studio •
Intellij • AWS • Linux • Bash • Jenkins

## COURSEWORK

### UNDERGRAD
Data Structures
Analysis of Algorithms
Object Oriented Programming
Compilers & Design
Database Systems
Computer Architecture
Programming Languages
Operating Systems
Software Engineering
Data Visualization

## ACTIVITIES & CLUBS

### NYU THETA TAU | Webmaster & Professional Chair
Jan. 2018 – Present | Brooklyn, NY
- Revamped website from POC to MVP product with complete design overhaul using Vue.js components
- Coordinated large scale (100+ attendees) professional development events with various engineering clubs

## WORK EXPERIENCE

### LIVEPIN INC. | Software Engineering Intern
Feb. 2019 - Present | New York, NY
- Utilized React/AWS Lambda Functions to deploy an analytics feature that helps users track real-time streaming data and viewer comments.
- 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 | Summer Technology Analyst
June 2019 - Aug. 2019 | New York, NY
- 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 | Brooklyn, NY
- Conducted weekly recitations for 25-30 students to fortify concepts of Data Structures (CS 1134).
- Facilitated discussions around programming best practices and debugging strategies during office hours.

### OUVOS | Co-Founder and Software Developer
Jan. 2016 - February 2018 | New York, NY
- Developed navigation feature tailored for cyclists using Mapbox API and the Python Beautiful Soup module to web scrape bike routes in different cities. **iOS App** is being tested and used daily with over 250 + early adopters in the New York City area.
- Unit tested and implemented user stories in a SCRUM environment, and worked to sync with Android team to keep consistency in design.

## PROJECTS

### CLOTHLY | HackNYU 2018 Finalist | github
- Created a clothing donation iOS app with a reward system to incentivize people to donate.
- Spearheaded the design of a responsive website for the app using React.

### COURSE MATES | github
- Developed a full-stack web app which encourages students to post, share, and rank other colleagues course notes.
- Implemented the application using Flask/MongoDB for the back-end and Jinja for the front-end.

### META | github
- Architected and implemented a virtual Kiosk/MetroCard iOS application for transit customers.
- Utilized IBM Watson and CoreML for image recognition to verify images of turnstile devices and store verified transactions via RealmDB.