

SALMAN SIRAJ

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EDUCATION

New York University

New York, NY

B.S. Computer Science | Minor: Applied Math

Expected Graduation: May 2020

Major GPA: 3.6/4.0 | Cum. GPA: 3.4/4.0

Relevant Coursework: Software Engineering, Operating Systems, Computer Networking, Algorithms, Databases Systems, Computer Architecture, Data Structures, Object Oriented Programming, Linear Algebra and Differential Equations

EXPERIENCE

BNY Mellon

New York, NY

Technology Analyst

June 2019 – Aug 2019

- Deployed a real-time performance monitoring Spring boot application providing scalable batch analytics
- Ingested data metrics on Elasticsearch instance from Vertica Database by implementing a RESTful API with Java
- Exposed payload to Kibana Dashboard to produce core analytics used by 10K users from several lines of business

U•START

Brooklyn, NY

Software Engineering Intern

Aug 2018 – Jan 2019

- Maintained responsive website that helps connect college students to fulfill personal projects in their fields
- 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

NYU Computer Science and Engineering

Brooklyn, NY

Undergraduate Teaching Assistant

Aug 2018-Dec 2018

- Conducted weekly recitations for 25-30 students to fortify concepts of Data Structures & Algorithms
- Assisted students with assignments during office hours and graded weekly assignments

Ouvos Technologies

New York, NY

Co-Founder & iOS Developer

Jan 2016 – February 2018

- Strategized and led the product pipeline with development team for a potential partnership with DOT about monetizing collected data regarding road infrastructure from iOS application
- Assisted with developing turn-by-turn navigation feature using Mapbox API for beta version which is currently being tested and used daily with over 100 + early adopters in New York City area

PROJECTS

Clothly (HackNYU 2018 Finalist)

- Created an iOS clothing donation app with a reward system to incentivize people to donate using Swift
- Led a 3-person frontend team and designed a responsive website for the app using HTML/CSS and JavaScript

Course Mates

- Developed a web application with a reward system that encourages students to post and share course notes
- Implemented RESTful API using Flask to communicate with database created using MongoDB

PixiStore

- Developed a full-stack ecommerce web app allowing users to order photo and paintings from local art enthusiasts
- Created MongoDB database to utilize Stripe and SendGrid API in order to store and process credit card payments and email clients upon performing payments.

TECHNICAL SKILLS

Languages: Python, C++, Swift, Java, JavaScript

Web: HTML/CSS, Node.js, Spring, Flask, MongoDB, MySQL

Other: Git, RESTful APIs, Unit Testing, Agile, SolidWorks, Project management