

## EDUCATION

### Fordham University

Bachelor of Science in Computer Science | Expected May 2020 | C.S. GPA 3.2

- Collegiate Science and Technology Entry Program (CSTEP), Fall 2016 – Present
- President of Tech @ LC 2018-2019
- Commuter Freshman Mentor (CFM) 2018-2019

## RELEVANT EXPERIENCE

### ViacomCBS, Data Science Intern – New York, NY

January 2020 – March 2020

- Manipulated data from the Data Lake on real-time data extracted from Facebook, Instagram, and other social media sites to draw insights on how social media can impact ViacomCBS brands Advertising

### Bank of America, Global Technology Summer Analyst Intern – Charlotte, NC

June 2019 – August 2019

- Lead the Analytical Zone project by connecting different databases together on Oracle SQL and displaying information to Trifacta increasing loan processing from 30% to 50%

### NBC Universal, Operations and Technology Intern – New York, NY

Jan 2019 – May 2019

- Automated by transferring IT data from excel file into a serverless system using AWS and creating a UX/UI using Angular and JavaScript for team users to input incidents which transfer to cloud

### Mount Sinai Health System, Data Analyst Intern – New York, NY

May 2018 – August 2018

- Parsed a text file into organized data to be put in a .csv file in NLP Project
- Predicted different outcomes in health failure project by creating different algorithms and models using Python, R, and Azure Machine Learning (AML)
- Analyzed relationships between variables in Heat Maps, Violin Plots, Bar Graphs, Box Plots, Violin Plots, Scatter Plots and presented final outcomes of patient readmission rate
- Attended Chain Reaction Blockchain Healthcare Summit held at Morrison & Foerster LLP. and took lead in writing white paper for Digital Biomarkers Journal

### Fordham University Science Technology Entry Program (STEP), Tutor/Counselor – New York, NY

June 2017 – May 2018

- Collaborated in a team of over 15 peer TC's to plan programming and lead classes for over 150 pre-college students
- Supervised a technology entrepreneurship course led by The Knowledge House to instruct students on maintaining professional websites
- Planned and facilitated career workshop on Computer Science for pre-college students

## PROJECTS

### Travel Insights, Technica, Best Hack for Event Attendees

November 2019

- Created a new tab on the Trip Advisor page where users can track the months, hotels, and airfare for best way they can budget through real-time python data analysis from data sets extracted from Kaggle

### Invealth, HackNYU

February 2019

- Developed a chatbot using DialogFlow API to connect to iOS App using firebase

### Alert Me, PennApps

September 2018

- Reignited skills in HTML and CSS by creating the front end to connect backend of the app which sends notifications to users within a specific region about preparation in event of an emergency

### Music Accessibility Website, Music Accessibility Hackathon

March 2018

- Innovated a way for people with visual disabilities to navigate through a website with audio tools like a piano made using JavaScript, HTML, CSS

## AWARDS

Rewriting the Code Fellow 2018-2020

## PROGRAMMING

### SKILLS

C++ – Advanced  
JavaScript – Intermediate  
HTML – Intermediate  
Python – Intermediate  
SQL – Advanced  
R – Beginner

## DATABASES

MySQL  
Oracle SQL

## TOOLS

Docker  
TIBCO Composite  
Trifacta

## PLATFORMS

AWS  
Linux  
Google Cloud  
Tableau

## LANGUAGES

Bengali – Fluent  
Spanish – Conversational  
Hindi – Beginner  
Arabic – Beginner

## PERSONAL

Teamwork  
Time Management  
Responsible  
Communication  
Creative

## COURSEWORK

Discrete Structures  
Data Structures & Algorithms  
Cybersecurity  
Database Systems  
Machine Learning  
Data Science

## LINKS

LinkedIn : zroja  
Github : zroja  
Devpost : zroja