

Zahin Roja

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RELEVANT EXPERIENCE

Bank of America, Software Engineer

July 2020 – Present | Jersey City, NJ

ViacomCBS, Data Science Intern

January 2020 – March 2020 | New York, NY

- Centralized data into a Data Lake using Pyspark 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
- Created 15-20 ETL scripts with Pyspark which were scheduled on a job, parqueted and updated to AWS Athena DB to help BI people query more efficiently with SQL

Bank of America, Global Technology Summer Analyst Intern

June 2019 – August 2019 | Charlotte, NC

- Supported the Analytical Zone project by working on a proof of concept to connecting different databases together on Oracle SQL and displaying information to Trifacta to increase loan processing from 15% to 50%
- Compared and contrasted pros and cons of Trifacta and TIBCO Composite with use cases and presented to 15-20 business executives to show Trifacta is the better tool

NBC Universal, Mediatech Intern

Jan 2019 – May 2019 | New York, NY

- 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
- Increased efficiency from 50% to 70% by saving manual time required to collect incidents per application per month

Mount Sinai Health System, Data Analyst Intern

May 2018 – August 2018 | New York, NY

- Predicted different outcomes in health failure project with NLP processing to clean files and create models using Python 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 within 30 days

PROJECTS

Hope | Mental Health App | Devpost

- Built a mental health mobile app with Swift where women can befriend people of their choice, female therapists, and look at graph statistics worldwide

Travel Insights | Added Feature | Devpost

- Created a new tab on the Trip Advisor page where users can track the months, hotels, and airfare for budgeting through real-time python data analysis from Kaggle and won the CVENT best hack for event attendees

Invealth | Financial Literacy App | Devpost

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

Alert Me | Emergency App | Devpost

- Reignited skills in HTML and CSS by creating a full-stack app which sends notifications to users within a specific region about preparation in event of an emergency

EDUCATION

Fordham University

Bachelor of Science in
Computer Science
Graduated May 2020

- President of Computer Science Club 2018-2019
- Science Technology Entry Program (STEP) Tutor/Counselor. 2017-2018

PROGRAMMING

C++
JavaScript
Python
Pyspark

DATABASES

MySQL
Oracle SQL

TOOLS

Docker
TIBCO Composite
Trifacta

PLATFORMS

AWS
Azure
Firebase

AWARDS

Rewriting the Code Fellow
2018-2020

LANGUAGES

Bengali – Fluent
Spanish – Fluent

LINKS

LinkedIn: zroja
GitHub: zroja
Devpost: zroja