

TANZIL BARASKAR

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EDUCATION

COOP Careers

COOP Apprentice - Data Analytics

New York, NY
August 2022 - Present

- Attending 200+ hours of hands-on workshop training to enhance analytics skills and applying them to client project by collaborating and managing a group of 3 to analyze and clean large dataset using SQL, Python, and Excel (Pivot Table, VLOOKUP), inputting data into charts and graphs for better visualization utilizing Tableau to present and give recommendations to client

The City College of New York – The Grove School of Engineering

New York, NY
June 2022

Bachelor of Science, Computer Science

Minor in Economics

Notable Courses:

Data Science | Database Systems | Machine Learning | Data Structures | Software Engineering | Artificial Intelligence

EXPERIENCE

Economics and Business Research at The City University of New York

New York, NY

Research Assistant

July 2022 - August 2022

- Performed in-depth economy analysis by organizing data from research papers and completed comprehensive reports to determine the countries that are in good position to enter the competitive market
- Audited 60 graphs using Excel to determine which specific business sector has done the best during the pandemic and determining which companies did well during times of crises

International English Language Testing System

New York, NY

Invigilator

August 2019 - January 2022

- Ensured that examinations are carried out in accordance with IELTS regulations, provided instructions to 10-15 candidates to guide them on exam, and verified integrity is maintained throughout the exams
- Collected and stored candidates' personal confidential information into a database to ensure that only scheduled and authorized participants are admitted to the test site
- Administered 7-15 staff members and assisted supervisor to prepare exam rooms, verify documents, and maintain official records

PROJECTS

Covid-19 Analysis | SQL, Tableau

Fall 2022

- Explored and cleaned Covid population dataset using Excel and SQL to create views by creating various functions to compare Covid cases between countries
- Built and published interactive dashboards using Tableau on the views created from SQL queries to create 4 graphs to present Covid's impact on the world's population

Artificial Intelligence Project | Python

Spring 2021

- Analyzed 2 large datasets, patient to predict if an individual has a disease or not using Jupyter Notebook and Python libraries such as Scikit-Learn, Pandas, NumPy, and Matplotlib
- Cleaned large datasets by filling in missing values, removing outliers/duplicates, and splitting the data into testing and training to obtain accurate results
- Created graphs with Python library Matplotlib to visualize my findings on the correlation between different features of the data

Operating System Command Shell | C

Spring 2021

- Led 4 classmates by distributing tasks evenly, conducting meetings to discuss the progress of the project, and assisting when problems arose
- Developed a command shell in C language using VirtualBox and Ubuntu to gain experience with some advanced programming techniques like process creation and control, file descriptors, signals, and pipes

Android App Development | Java, FXML

Spring 2021

Rec Spot, InstagramClone App

- Delegated a team of 3 in making a video editor/music app that has advanced editing tools to allow users to make engaging and professional looking videos
- Implemented Instagram app by creating a Parse backend that stores user's posts and credentials to allow user to upload photos/videos

SKILLS & CERTIFICATIONS

Languages: SQL | Python | R | Java | C++ | HTML | JavaScript

Softwares: Tableau | BigQuery | Microsoft SQL Server | Microsoft Excel | Microsoft PowerPoint | Microsoft Word | Power BI | G-Suite

Certificates: Google Data Analytics Professional | Google Analytics | Android CodePath | SQL for Data Science