A close up of a logo

Description automatically generatedA picture containing drawing

Description automatically generatedA close up of a logo

Description automatically generatedKritik Mirg

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# Education

**University of Maryland** College Park, MD

Bachelor’s Degree in Information and Data Science Expected: May 2022

# Certifications

**Bloomberg** *Market Concepts (Economic Indicators, Currencies, Fixed Income, Equity)* Jul 2020

**IBM** *Python for Data Science and AI, Databases and SQL for Data Science* Jun 2020

# Work Experience

**IBM** *Federal Sector Consulting Mentee* Jun 2020 - Present

* Collaborate with a team of 4, alongside Consultants from IBM, on a consulting case based in the Federal Sector
* Attend weekly meetings to learn new consulting practices, business acumen, and Federal Sector attributes

**Consult Your Community** *Business Analyst* Jan 2020 - May 2020

* Led team in analysis of donor demographic data and financial records in order to produce a new fundraising plan
* Adapted client’s current marketing plans, and developed a rebranding strategy, to specific audiences based on social media analytics and click-rate data
* Created recommendations and deliverables based on analyzed data and by conducting a SWOT analysis

**Audeom Solutions** *Mobile Developer Intern* Jun 2019 - Aug 2019

* Designed Front-End User Interface in Flutter and Back-End code in Dart
* Created new databases for mobile app keeping strong attention to data integrity, security, and execution efficiency, utilizing no-SQL environment of the Google Cloud Platform (GCP)
* Wrote programs in Java for Android OS, and to convert existing code to Dart for iOS conversion

# Projects

## Storm Details

* Developed program using Python, matplotlib, and various APIs, that outputs graphs and a scrollable country map based on user’s requests after reading data from the NCDC Storm Database

## Socioeconomic Indicators -Chicago

* Analyzing socioeconomic data and indicators of a “hardship index,” for each Chicago community area, for the years 2008 – 2012, using Jupyter Notebook to integrate SQL, Python, and IBM’s Db2 Database

## Tesla Ticker with Events

* Used Tableau to display daily stock prices for Tesla alongside important events explaining its volatility
* Available on: [public.tableau.com/profile/kritikmirg](https://public.tableau.com/profile/kritikmirg#!/)

# Leadership Experience

**Maryland Minza** *Director of Finance* Sept 2019 - Present

* + Managing organization’s finances, allocate $30,000 budget for the various needs of annual dance competition
  + Connecting with corporate and local companies for sponsorship opportunities and to raise funds for club events

**UMD Indian Student Association** *Director of Marketing* Sept 2018 - Present

* + Create flyers and social media content for club marketing using Adobe Creative Cloud Apps
  + Use social media analytics to produce audience tailored content for better outreach and marketing of club efforts

**Skills**

**Technical:**  Python **|** SQL **|** R **|** Tableau **|** SQL Server | Java **|** Excel | MATLAB

**Coursework:** Programming for Information Science | Applied Probability and Statistics | Discrete Structures |

Object Oriented Programming | Introduction to MATLAB