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

**IBM** *Python for Data Science and AI* Jun 2020

**IBM** *Databases and SQL for Data Science* Jun 2020

# Work Experience

**Bluebonnet Data** *Data Analyst* Jul 2020 - Present

* Using historical campaign data and results to estimate a win number for local Democratic candidate in Texas
* Analyzing Census and Historical Election Data in R and Python, using NGP VAN Database
* Creating interactive dashboards using Tableau to analyze and display data
* Preparing slide decks and deliverables for client built upon findings in data in an attempt to win election

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

* Provided pro bono consulting services to a local non-profit organization in Maryland
* Led team in analysis of donor demographic data and financial records in order to produce a new fundraising plan
* Adapted client’s marketing plans 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, storm data, and a scrollable country map based on user’s requests

## Socioeconomic Indicators -Chicago

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

## Capital One ATMs

* Created a report, using Tableau, to optimize Capital One ATM placement in Washington, D.C. by analyzing publicly available data
* Available on: [public.tableau.com/profile/kritikmirg](https://public.tableau.com/profile/kritikmirg#!/)

# Leadership Experience

**UMD Business & IT Society** *Head of Content Development* July 2020 - Present

* + Developing and leading weekly workshops on data analysis with Tableau and Python, and UX with HTML
  + Working with executive board members on club newsletter, while writing and curating different article submissions discussing various topics of Information Technology

**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 | Database Design & Modeling | Introduction to MATLAB