

# Kritik Mirg

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## Education

### University of Maryland

Bachelor's Degree in Information and Data Science

College Park, MD

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