Kritik 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

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