SIDDHANT GOVIL

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EDUCATION & CERTIFICATIONS

University at Buffalo, Bachelor of Science, Computer Engineering   **May 2019**
Google Data Analytics Professional Certification

PROFESSIONAL EXPERIENCE

New York University, New York, NY   **August 2021 – Present**
Project Assistant Director
- Assist Project Director with programmatic, data and administrative tasks essential in conducting a year-round university program for over 300 students from diverse backgrounds.
- Analyze and manage project data from NYU's database utilizing Excel to supplement annual research reports and develop recommendations on hiring based on students and clients' needs to ensure proper staffing throughout the year.
- Provide feedback to professional staff to ensure resources, assets and communications are used effectively to increase the success and retention of the educational program and increase productivity by 50%.
- Assure client data is kept secured as compulsory by New York State and New York University regulations to prevent the unauthorized distribution of client information.
- Prepare required reports and lists as directed for submission for private funding sources/financiers & New York University to raise over $200,000 and guarantee all avenues of the project are properly financed.

New York University, New York, NY   **March 2020 – August 2021**
Consultant
- Advised Project Director and Research Assistants in managing our technical and background processes such as upgrading computers, troubleshooting software and hardware issues and enable file up keeping to aid in transitioning program to electronic data storage.
- Lead and orchestrated the complete transition of research programs to remote during the Covid-19 Pandemic.
- Established the outcomes of research and academic projects remain at high standards during the Covid-19 pandemic to guarantee client satisfaction, student success and funding remain intact.
- Trained 30 plus staff and faculty in the use of new remote software and file management systems to improve comfortability of professional staff, the quality of the academic program and efficiency in data access by over 50%.

Projects

Batlimore Crime Data Analysis Project (mySQL, Git, SQL Workbench, Tableau)
- Utilized mySQL to identify procedural areas of improvement for Baltimore Police Department and decrease citywide crime by at least 10%.
- Applied forecasting and data exploration to understand crime by seasonality, location and classification to develop and execute solutions in an applied manner.
- Converted data into actionable insights by modeling and visualizing findings using Tableau to accurately reveal meaningful insights that can lower crime rate and reduce risk for businesses by building in safer zones.

Covid-19 Data Analysis Project (SQL, Git, SQL Workbench, Tableau)
- Used Tableau and mySQL to compute Covid-19 vaccination, mortality and infection rates over time in order identify and represent the outcomes of the Covid-19 pandemic to discover potential areas of weakness.
- Analyzed and documented international Covid-19 data to compute and model forecasts in order to understand the impact of government and local guidelines.

SKILLS

Computer Languages: mySQL, SQL, JAVA, C++, HTML/CSS, Python
Productivity Software: Tableau, Microsoft Excel, World, Powerpoint, Jira, Zenhub, Google Suite. Pivot Tables