

# NAVODITH SHANKAR

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## EDUCATION

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### New Jersey Institute of Technology

Bachelor of Science in Computer Science & Business with a minor in Data Analytics

Newark, NJ

Expected: December 2024

- Honors & Awards: Scholarship, Dean's List
- Relevant Coursework: Database System Design and Management, Data Structures and Algorithms, Quantitative Analysis w/ Application for Business, Foundations of Computer Science, Business Data Analytics, Probability and Statistics, Calculus 1 & 2, Data Mining
- **Certifications:** IBM Data Analyst Professional Certificate

## PROFESSIONAL EXPERIENCE

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### Data Glacier

Remote

Data Analytics Intern

January 2023-April 2023

- Prepared and presented in-depth analysis on diverse datasets, encompassing the application of hypothesis testing methodologies.
- Designed and developed an EDA to analyze business cases and maximize business investments.
- Identified key metric drivers and provided insights and other key information to stakeholders to enable decision making.
- Employed a range of technical tools including Pandas, Machine Learning, Matplotlib, Data Analysis, Jupyter Notebook, Flask, SQL Server, Tableau and the Python programming language, Data Mining, R, and Visual Analytics.

### BlueStar Technology Solutions

Remote

Computer Programming and Analytics Intern

June 2022-Sept 2022

- Intern in computer programming, assisted in migrating Microsoft Office tools to Cloud Office 365, streamlined collaboration and accessibility.
- Participated in the design and development of the corporate website.
- Collaborated on big data analysis for predictive modeling in banking sector risk management.
- Analyzed fraud detection systems in project involving American Express.

### Prostylo

Charlestown, WV

Assistant

May 2019-Jan 2022

- Family-owned online shopping retail store on Poshmark, Gained experience in packing, shipping, stocking, shelving, handling online orders.
- Built JavaScript scripts to automate product listings, edits, and community sharing, enhancing efficiency and accuracy in online operations.
- Cultivated effective communication and customer service skills through direct interaction with shoppers.

## PROJECTS

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### Taxi Cab Analysis | Python/[GitHub](#)

Conducted comprehensive data analysis comparing the financial performance of two distinct cab companies, enabling investors to make investment decisions in pursuit of maximum profitability. Utilized Python libraries to illustrate trends and to reorganize datasets to be used in analysis.

### Airline Reservation System | SQL/[GitHub](#)

Designed and developed an Airline Reservation System using SQL, enabling efficient booking, modification, and cancellation of flight reservations. Collaborated with a partner to gather feedback and deliver a robust system that showcases expertise in SQL and database management.

### Exploring Early COVID-19 Data | SQL/[GitHub](#)

SQL project that delves into a comprehensive dataset of COVID-19 records from the initial stages of the pandemic. Using SQL queries, the project uncovers significant insights into the virus's spread, its impact on public health, and the consequential changes in different regions worldwide.

## SKILLS

- **Languages:** Python (Matplotlib, NumPy, Seaborn, Sklearn, Tensorflow), SQL, Java, C++, Flask, JavaScript, R
- **Analysis Techniques:** Logistic Regressions, Decision Trees, Hypothesis Testing
- **Tools:** Git, Kaggle, Jupyter, VSCode, SPSS, Tableau, Excel, Power BI, Hadoop, Bash, Cognos