

NAVODITH SHANKAR

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EDUCATION

New Jersey Institute of Technology

Bachelor of Science in Computer Science & Business

Newark, NJ

Expected December 2024

- Awards: Scholarship, Dean's List
- Relevant Coursework: Database Systems, Data Structures, Business Data Analytics, Intensive Programming in Linux, Guided Design in Software Engineering
- **Certifications:** IBM Data Analyst Professional Certificate

Master of Science in Data Science

Expected May 2026

- Relevant Coursework: Database Management, Statistics, Deep Learning

PROFESSIONAL EXPERIENCE

Verisk

Data Analyst Intern

Jersey City, NJ

June 2024 - Current

- Developed a software automation tool in Python to automate downloading and filling over 30 SharePoint forms, reducing manual completion time from 2 - 8 hours per form to mere seconds.
- Converted the Python automation tool into a desktop app for company-wide user-friendly use, eliminating the need for additional software installations as more than 800 forms are filled per year, improving efficiency by 70%.
- Collaborated with cross-functional teams to integrate automation solutions, ensuring seamless deployment and adoption across departments, which further streamlined workflow processes and enhanced overall productivity.
- Analyzed state insurance data using Excel, providing actionable insights.

Data Glacier

Data Science Intern

Remote

January 2023-April 2023

- Prepared and presented in-depth analysis on 15+ datasets, utilizing hypothesis testing methodologies to derive actionable insights and support data-driven decision-making, resulting in a 25% increase in project efficiency and saving the company \$50,000 in operational costs.
- Designed and developed an Exploratory Data Analysis framework to comprehensively analyze business cases, identifying key trends and opportunities to maximize business investments, leading to a 30% improvement in investment returns, equating to an additional \$200,000 in revenue for a client.
- Employed a range of technical tools including Pandas, Machine Learning, Matplotlib, Data Analysis, Flask, SQL, Tableau and Python, R, contributing to the successful completion of 10+ data projects and enhancing data processing.

BlueStar Technology Solutions

Software Engineer and Analytics Intern

Remote

June 2022-Sept 2022

- Assisted in migrating Microsoft Office tools to Cloud Office 365, streamlining collaboration and accessibility for over 100 employees, resulting in a 40% increase in productivity.
- Participated in the design and development of the corporate website using HTML, JavaScript, and CSS. Contributed to the creation of a user-friendly, responsive design that improved user engagement and site performance.
- Collaborated on big data analysis for predictive modeling in banking sector risk management.

PROJECTS

AI Code Translation Tool | Full Stack - JavaScript, RedwoodJS, MySQL, HTML, CSS / [GitHub](#)

Designed a code translation tool that converts code between programming languages with ChatGPT-3 API assisting in the translation process using RedwoodJS and MySQL to develop. Created a responsive user interface and robust back-end system, ensuring efficient data management and security. Managed version control and collaboration on GitHub.

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

Designed and developed an Airline Reservation System using SQL, enabling efficient booking, modification, and cancellation of flight reservations that showcases expertise in SQL and database management.

Taxi Cab Analysis | Python (Matplotlib, NumPy, Seaborn) /[GitHub](#)

Conducted comprehensive data analysis comparing the financial performance of two cab companies using Python. Utilized Matplotlib, NumPy, and Seaborn for data visualization and statistical analysis, provided actionable investment recommendations.

- **Languages:** Python (Matplotlib, NumPy, Seaborn, Sklearn, Pandas, Scikit-learn, Flask), SQL, Java, C, JavaScript, R, Bash
- **Tools:** Git, Jupyter, Tableau, Excel, Power BI, Hadoop, Airflow, Cognos, Microsoft Suite, Linux, RedwoodJS, Docker, Kubernetes, Snowflake, AWS