Naomi Vaid

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ACADEMICS

University of South Florida. Expected Graduation Date: May 2025
Bachelor of Science in Information Science with Data Science and Analytics Concentration

TECHNICAL SKILLS

Languages: Python, R, SQL, Java, C++, HTML, JavaScript
Technologies: NumPy, pandas, Scikit-learn, dplyr, Tensorflow, Keras, Azure
Tools: PowerBI, Jupyter, Google Collaboratory, Hubspot, Tableau, RStudio, IDLE, Visual Studio Code

PROJECT WORK

Intel's data center location recommendation based on renewable energy: *Feb 2024*
- Evaluated renewable energy across 13 regions using SQL and Tableau Cloud visualizations
- Selected Northwest region, due to its highest renewable energy production (52.25%)

Stock Price Prediction Using Feed-Forward Neural Network: *May 2023 - Aug 2023*
- Developed a Convolutional Neural Network employing Multi-Layer Perceptron Regressor for 5 stocks worth $8 trillion using past 5 years data
- Achieved a very high accuracy in price prediction with error between 0.01% to 2.2%

Investigated Social Justice Disparities Utilizing Tensorflow AI Software: *Jul 2020*
- Conducted detailed analysis of justice system data using Linear Regression and Random Forest Regression in python with Keras in Google Collaboratory
- Identified racial disparities, with one group exhibiting a false positive rate twice of reference

WORK EXPERIENCE

Data Analyst at Innovative Education Centre: *June 2023 - Present*
- Used data analytics with tools like Excel, Asana, HubSpot, and Google Analytics to evaluate the Canvas Test Preparation Catalog
- Utilized data visualization techniques to identify patterns, trends, and opportunities in user behavior and preferences, recommending enhancements to website accessibilit

Chatbot Developer at Information Technology Department at USF: *Oct 2021 - Dec 2022*
- Leveraged Microsoft Resources like Azure, PowerBI, and JIRA for developing chatbots.
- Utilized Microsoft Chatbot Solutions resulting in the rollout of a chatbot for USF's Parking & Transportation

Data Analyst at start-up myokina.com: *June 2020*
- Employed data analytics techniques to analyze market segmentation data
- Generated recommendations spanning social media, websites, clubs, and distribution channels, thereby expanding the customer base by 64%

LEADERSHIP DEVELOPMENT

GenConnect: Student Organization Founder & President: *Jan 2023 - Present*
- Founded and led a student organization aimed at promoting digital literacy among senior citizens
- Hired a team of 8 and did fundraising to meet an annual budget of $1.1k- organized 5 events

HONORS & AWARDS

Honor roll Headmaster's List (2021), State level honor at Florida State Thespians (2020), Merit Award (2020), Trinity College London merit in Piano (2019)