ABHINIT K. SUNDAR

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OBJECTIVE

Master's in data science student graduating in May 2025 with strong foundations in machine learning, deep learning, and data analysis. Seeking an entry-level AI/ML Engineer position starting June 2025 to apply my skills in developing scalable AI solutions and driving data-driven insights.

EDUCATION

New Jersey Institute of Technology

Master's, Data Science (GPA: 3.375) — May 2025

Dean's List (Spring 2023 – Spring 2025)

BS, Data Science (GPA: 3.375) — May 2024

Dean's List (Fall 2022 – Spring 2024)

AS, Computer Science (GPA: 3.769) — May 2022

Dean's List (Spring 2019, Spring 2020, Spring 2021 – Spring 2022)

RELEVANT EXPERIENCE

Graduate Researcher
New Jersey Institute of Technology | Newark, NJ — May 2024 – Present

- **Evaluated** complex datasets and embeddings for Neural Transformers Architecture with Large Language Models with advanced bioinformatics Python libraries like bioctfl and used multiple scoring metrics like AUC, ROC, and MCC
- **Spearheaded** background research pertaining to Large Language Models and Neural Transformers Architecture and found the most efficient language model for carrying out the gene therapy and drug discovery applications of bioinformatics
- **Formulated** original research publication with **holistic analysis of state-of-art frameworks** for Large Language Models with **50%** higher optimized ASO design than the original findings

AI/ML Robotics Developer
New Jersey Institute of Technology | Newark, NJ — May 2023 – May 2024

- **Pioneered** the basics and advanced components of a Robot Operating System in **4 weeks** using NVIDIA GPU from integrating robot sensors and controls to implementing complex navigation tools with warehouse delivery
- **Implemented** a robotics warehouse development project from scratch under Professor Pantelis Monogioudois in 20 weeks in **70%** of the scheduled time for the project
- **Deployed** intermittent releases of robotics milestones along with weekly status reports on a regular basis for **15%** of my internship duration

Undergraduate Researcher
New Jersey Institute of Technology | Newark, NJ — Sep 2023 – May 2024

- **Formulated** original research publication using advanced weather forecasting models/simulations and **Bayesian Neural Network APIs**
- **Evaluated** large datasets and models with **stochastic/Monte Carlo approximation** under Dr. Wu and Mr. Zhang
- **Implemented** an enhanced weather forecasting model compared to existing framework with **Convolutional Neural Network** and **Stochastic Approximation** instead of traditional SVM or Decision Tree, improving the efficiency of forecasting model by **40%**

SKILLS

Data Visualization Techniques, Complex Data Sets, Statistical Methods, Predictive Modeling, Quantitative Analysis, Generative Modeling, Predictive Analytics, Pattern Recognition, Reinforcement Learning, Cluster Analysis, Artificial Intelligence, Data Science, Computer Science, Advanced Data Structures and Algorithm Design, Applied Statistics, Big Data, Machine Learning, Deep Learning, Data Analytics with R, R, Python, SQL/PLSQL, Cloud Computing, C++, C#, HTML, XML, Android, Swift, Jupyter Notebook, Machine Learning, TensorFlow, Keras, NLP, Linux, MongoDB, Hadoop, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Draw.io