Nikita Pardeshi

Portfolio: http://nikita-pardeshi.netlify.app
Github: github.com/Nikita-Pardeshi
LinkedIn: https://www.linkedin.com/in/nikita-pardeshi25/

Email: ngp15@georgetown.edu
Mobile: +1 571-771-9725

EDUCATION

- **Georgetown University- The Graduate School of Arts and Sciences** — Washington, DC
  Master of Science in Data Science and Analytics; GPA: 3.83/4.0 — August 2021 - May 2023

  Awarded Returning Student Scholarship based on submission

  Relevant Coursework: *Introduction to Data Science and Analytics, Statistics and Probability, Optimization, Big Data and Cloud Computing, Statistical Inference, Advanced Data Visualization, Natural Language Processing, Neural Networks*

SKILLS SUMMARY

- **Languages:** Python, R, HTML, JavaScript, SQL, Bash
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, Apache Spark, Spark SQL, Hadoop MapReduce, HiveQL, AutoML, Scipy, Multiprocessing, InterpretML
- **Tools:** Docker, GIT, PostgreSQL, MySQL, SQLite, Tableau, Power BI, Atlassian- Jira, Confluence
- **Platforms:** Linux, Windows, AWS- EC2, Lambda, S3, Cloud9, Sagemaker, EMR, Hadoop User Experience (HUE)

EXPERIENCE

- **Ready Tensor Inc.** — San Diego, CA
  Machine Learning Engineer Intern — June 2022 - August 2022
  - Developed ML algorithms- AdaBoost, XGBoost, Elasticnet, Random Forest, Stochastic Gradient Descent, SVM, ARIMA, SARIMA, Exponential Smoothing in Python and R. Apply Hyperparameter tuning.
  - Provide users with Model interpretability and explainability features using InterpretML in Python.
  - Created docker images for training and testing the models in real time on different platforms and OS. Deployed models on AWS using SageMaker, Lambda and EC2.

- **SkyQuest Technology Group** — Remote
  Data Science Executive — January 2021 - July 2021
  - Collaborated on RD dashboard for Reckitt – data collection, creating APIs in Flask and Django, database design and management, custom BERT models for automated categorization with a focus on News Analytics (NLP) having an accuracy of 85%.
  - Hands on experience with Atlassian Jira and Confluence for Agile Project Management.
  - Automated Company Earnings Call transcript's collection, indexing and searching, summarization, text analytics and visualization. Lead a team of 10 data science interns.

- **SkyQuest Technology Group** — Remote
  Data Analyst Intern — May 2020 - December 2020
  - Developed web applications in Django and Python, Automated Data Collection bot using Selenium and Scrapy.
  - Collected macro and micro economic indicators, Patent data Analysis, Network Analytics in Power BI.

PROJECTS

- **Gender Disparity in Workplace** (January 2022 - May 2022) Interactive, Data-driven Visual Narrative showcasing the different findings and corresponding reasons for gender disparity across different fields. Unique element: The project targets laws and regulations across countries and impact in the workforce along with analyzing social media tweets and news. Tech: Python- Plotly, NLTK, NewsAPI, Altair; JavaScript, HTML, CSS, R.

- **CryptoCurrency Subreddit Analysis- Big Data Project** (January 2022 - May 2022) Collected 7M+ subreddit comment and post data, analyzed and forecasted Cryptocurrency prices based on activity in Subreddit using Apache Spark and Spark SQL in Python and AWS cloud. Tech: Python, Apache Spark, Spark SQL, Hadoop User Experience (HUE), AWS, NLP, Plotly

- **Financial Statement Analysis** (August 2020 - December 2020) Gathered company specific income statement, balance sheet and cash flows through Yahoo Finance API, performed horizontal (trend) and vertical (Y-O-Y) analysis of financial statements and generated a final report in Python. Created frontend interface using Django. Tech: Python, APIs, Django, Plotly.

- **Johnson&Johnson Quarterly Earnings Prediction in R (SARIMA model)** (March 2020) Understand trend and seasonality and fitting SARIMA model to forecast JJ share price in R. Tech: R.

PUBLICATIONS

- **Machine Learning/ Deep Learning Based Recommendation System** — IJRET (April 2020)
- **An Empirical Study of Support Vector Machine and Naïve Bayes Classifier using Python And R** — IJRET (April 2020)

EXTRACURRICULAR

- **Student Ambassador** — Georgetown University
  Managed administrative work and organized events for Graduate Students. — August 2021 - Present

- **Teaching Assistant** — Georgetown University
  Blockchain Technologies — January 2022 - May 2022

- **Teaching Assistant** — Georgetown University
  Machine Learning Application Deployment, Advanced Math and Stat Computing — August 2021 - December 2021