

# NIKITA PARDESHI

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## EDUCATION

### Georgetown University- The Graduate School of Arts and Sciences

August 2021- December 2022

#### Masters in Data Science and Analytics GPA: 3.83/4

Fall 2021- Introduction to Data Science and Analytics, Statistics and Probability, Optimization

Positions of Responsibility: Teaching Assistant – Machine Learning Application Deployment, Advanced Math and Stat Computing | Student Ambassador

Spring 2022- Big Data and Cloud Computing, Statistical Inference, Advanced Data Visualization

Positions of Responsibility: CSET- Data Annotator Research Assistant | Teaching Assistant- Blockchain Technologies

### Thadomal Shahani Engineering College, Mumbai, India

July 2016- May 2020

B.E. - Electronics and Telecommunication (EXTC) GPA: 8.24/10

## EXPERIENCE

### Ready Tensor Inc.

June 2022- August 2022

#### Machine Learning Engineer Intern

- Create Baseline AI/ML algorithms for regression and forecasting in Python and R. Apply Hyperparameter tuning to optimize these models using scikit-optimize package.
- Create docker images for training and testing the models in real time on different platforms and OS.
- Deploy models on AWS using SageMaker, Lambda and EC2.

### SkyQuest Technology Group

#### Data Science Executive

January 2021- July 2021

- Building R&D 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 and Text Analytics (Natural Language Processing), Social media Sentiment analysis.
- Hands-on experience with Atlassian Jira and Confluence for Agile Project Management.
- FMCG sector analysis (region and segment wise)- visualizations through insights, financial analysis in Python.
- Company Earnings Call transcript's collection, indexing and searching, summarization, text analytics and visualization.

#### Data Analyst Intern

May 2020- December 2020

- Developed web applications in Django and Python and Web scraping bot using Selenium and Scrapy.
- Collect macro and micro economic indicators, Patent data Analysis, Network Analytics in Power BI.

### GetBoarded Technologies

#### Market Research Analyst Intern

April 2020- June 2020

- Worked on Covid-19 data collection (world and country-wise) using APIs and creating Covid-19 Tableau Dashboard.
- Analyze Covid-19 data using Plotly charts in Python, analyze effects of lockdown and formulate weekly reports.

## 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 their impact in the workforce along with analyzing social media tweets and news.

### Financial Statement Analysis

August 2020- October 2020

- Objective: Horizontal and vertical analysis of financial statements, calculating key ratios and generating pdf files using Yahoo Finance API, Django, Python.

### LinkedIn Social Network Analysis

August 2020

- Objective: Reach out to top management and relevant employees through 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> degree connections for marketing, deals and other business proposals.

### Covid-19 Tracker in Tableau

May 2020

### Johnson&Johnson Quarterly Earnings Prediction in R (SARIMA model)

March 2020

## CERTIFICATIONS

### IBM Data Science Specialization

Coursera June 2019- August 2019

### Practical Time Series Analysis in R

Coursera February 2020

### Stock Market Training- Beginner

Motilal Oswal September 2020

### Applied Social Network Analysis in Python

Coursera September 2020- October 2020

### Applied Data Analytics in Finance

November 2020

## RESEARCH PAPERS

### 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