Vandita Goyal

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Education

New York University, Graduate School of Arts and Science, Center Data Science   New York, NY, USA
Master of Science in Data Science   May 2024 (expected)

Malaviya National Institute of Technology, Jaipur (NIT Jaipur),   Jaipur, India
Bachelors of Technology (Computer Science)   May 2020

Technical Skills
Languages: Python, SQL, C/C++, HTML/CSS
Core Skills: Data Manipulation and Transformation, Visualisation, Machine Learning, NLP, OOP
Databases: Oracle PL/SQL, MySQL
Python Packages: Pandas, Sci-kit learn, Seaborn,Matplotlib, NLTK, NumPy, SpaCY, Flask

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Relevant Experience
Data Engineer, Software Development Team   Bengaluru, India
Fidelity Investments   Aug 2020 – June 2022
- Upgraded the back-end application with additional features, enhancing the legacy platform for business users by leveraging Oracle PL/SQL, Informatica, autosys and Python
- Created end-to-end projects by collaborating with multiple teams across the organization involving data collection, clean-up, pre-processing, modeling, testing, and validation as well as experimented with core models, transformers, visualization, time series, and feature engineering. Details mentioned in the Relevant Projects section
- Received "Assist and Automate Enabler" award by Asset Management (India)

Intern, Software Development Team   Bengaluru, India
Fidelity Investments   May 2019 – Jul 2019
- Developed a keyword extraction tool using Word2Vec and Elastic Search
- Used AngularJs and Flask to develop a tool to annotate data (semi-automatic)

Intern, Software Development Team   Noida, India
Nucleus Software   May 2018 – Jun 2018
- Developed a chat bot for NSBT using Rasa NLU and Rasa Core framework written in Python
- Used HTML and CSS to develop front-end, Flask to connect the front-end to the bot and Web Speech API to convert speech-to-text and text-to-speech

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Relevant Projects
Classification of Fidelity funds into ACWI ex US vs EAFE   Jan 2022 - Jun 2022
- **Associated with Fidelity Investments:** To classify Foreign Equity funds used in Fidelity (SAI) into ACWI ex US & EAFE using machine learning and therefore reduce the overall exposure of each model to emerging market.

Self-Driving ETF   Jul 2021 - Mar 2022
- **Associated with Fidelity Investments:** To create a dynamic fund allocator project that distributes funds across multiple sectors and asset classes depending on market sentiment and economic data.

Prediction of Offer Spread for Corporate Bonds   Feb 2021 - May 2021
- **Associated with Fidelity Investments:** To help rank the daily stream of Indication of Interest from our customers, for different corporate bonds.

Depression Analysis   Nov 2019 – Jun 2020
- **Associated with NIT Jaipur**: To examine the feasibility of and aim to use different behavioral indicators for depression, consisting of, but not limited to, visual and audio features to design an effective testing model which can be made more accessible than traditional testing methods

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Additional Accomplishments
- Passed FIT-2 in German from Maxmueller Bhavan
- Organized multiple events as part of Entrepreneurship Development Cell in Blitzschlag '17, Blitzschlag '18, Blitzschlag '19 and Blitzschlag '20 (Graphic Design, Website development, Logistics)
- Volunteered for Cultural Fest Team as a Website developer