

Viveksinh Y. Solanki

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OBJECTIVE To obtain Data Scientist position

EDUCATION **MS in CS at Stevens Institute of Technology, NJ** **Expected May 2020**
Course Work: Algorithms, Machine Learning, Causal Inference, Web Mining (NLP), Data Mining, Natural Language Processing, Web programming, Android
GPA: 3.78/4.0

BE in CE at LD College of Engineering, India **June 2016**
Course Work: Calculus, Vector Calculus and Linear Algebra, Data Structures, Algorithms, DBMS I
GPA: 3.27/4.0

SKILLS
Programming: C++, JAVA, Android, Python, SQL, HTML, CSS, JavaScript, jQuery
Tools & Frameworks: Git, Eclipse, Android Studio, Jupyter Notebook, Anaconda3, LaTeX, Colab, VS code
Python Libraries: NLTK, Pandas, NumPy, Matplotlib, Scikit-learn, Spacy, Keras, SciPy
Certification: Machine Learning Foundation Nanodegree, MOOC by Udacity

EXPERIENCE **Personal Tutor at Stevens Institute of Technology, NJ** **September 2019 –present**

- Teaching machine learning course to a visually disabled student

Data Science Intern at Eiffo Analytics, New York, NY **June 2019 – August 2019**

- Developed automated data preprocessing module for time series data
- Designed automated time series forecasting system by utilizing Support Vector Machines, Linear Regression, XGBoost, LSTM and multilayer perceptron

Lead Android Developer at Linaven Agency, Cannes, France (Remote Work) **July 2017 - May 2018**

- Developed an android application for French youtuber, which allowed the users to see all social media feeds of that French youtuber
- Delivered two other android projects including a social media platform for French salsa community

Software Analyst at Digital Impact Square, Nashik, India **July 2016 - June 2017**

- Developed a hybrid/cross-platform application using PhoneGap/Cordova framework as well as designed web dashboard to display visualizations of collected data
- Developed a bilingual android platform to aid health workers
- Delivered platform training for 600+ health workers

PROJECTS **Factors that might cause labor condition application (LCA) to be approved** **Fall 2018**

- Applied 'Rubin Causal Model' using python on H1B dataset to find causes that might help in LCA approval

Fake News Detection: Using an Ensemble Approach **Spring 2019**

- Performed data cleaning, preprocessing and EDA of text data
- Extracted features in the form of Tf-Idfs and word embeddings
- Applied Support Vector Machines and Convolutional Neural Networks to classify fake news

Will labor condition application (LCA) be approved?

- Removed outliers, normalized data and converted categorical columns to one-hot encoded values
- Used Random Forest algorithm to extract best features to predict LCA application status
- Applied machine learning models such as support vector machines, random forest, naïve bayes, multilayer perceptron, decision trees and kNN in predicting LCA status

ACTIVITIES Facilitator for **Applied CS with Android Course** by Google **Spring 2016**
Delivered 3 workshops on Android programming with 150+ total participants

Available full time from June 2020