

Viveksinh Solanki

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|-------------------|--|--|--|---|--------------------------------------|
| EDUCATION | MS in CS with Machine Learning at Stevens Institute of Technology, NJ, GPA: 3.87/4.0 | May 2020 | | | |
| | BE in CE at LD College of Engineering, India, GPA: 3.27/4.0 | June 2016 | | | |
| SKILLS | Programming Java, Python, R, C++(Familiar) | Web Techs HTML5, CSS, JavaScript, Node.js, Express.js | Machine Learning Pandas, Scikit- learn, Matplotlib, Keras, Tensorflow | AWS Lex, Rekognition, Lambda, S3, EC2, SageMaker | Database MySQL, MongoDB |
| EXPERIENCE | Data Science Intern at Eiffo Analytics, New York, NY | June 2019 - August 2019 | | | |
| | <ul style="list-style-type: none">Designed an end-to-end supervised time series forecasting system, which forecasts for given number of steps in future given time series data as input. This system automated whole time series forecasting pipeline.Tools: Python3, Pandas, Numpy, Matplotlib, Keras, TensorflowAlgorithms and method: Linear Regression, Support Vector Machines, LSTM, Moving window | | | | |
| | Android Engineer at Linaven Agency, Cannes, France | July 2017 - May 2018 | | | |
| | <ul style="list-style-type: none">Developed a social media app for French YouTuber, who currently has 167k+ subscribersDelivered two other android projects including a social media platform for French salsa community | | | | |
| | Software Engineer at Digital Impact Square, A TCS Foundation unit, Nashik, India | July 2016 - June 2017 | | | |
| | <ul style="list-style-type: none">Built a hybrid/cross-platform application using PhoneGap/Cordova frameworkDeveloped a bilingual android application to aid health workers in tracking and monitoring pregnant women. It is currently being used by 1500+ health workers with 50k+ total registrations | | | | |
| PROJECTS | The Sign Language Portal | Oct 2019 - Dec 2019 | | | |
| | <ul style="list-style-type: none">Conceptualized whole platform architecture and defined all featuresImplemented following features: i) Interactive sign language learning module which provides support for BSL (British Sign Language) and ASL (American Sign Language) ii) module which allows user to contribute any sign language to the portal. Tech: HTML, CSS, Node.js, Express.js, JavaScript, jQuery, AJAX, MongoDB | | | | |
| | Finding Answers from Wikipedia for Open Domain Questions: A Survey | Oct 2019 - Dec 2019 | | | |
| | <ul style="list-style-type: none">Performed comprehensive comparison of BiLSTM : i) without attention, ii) with Bahdanau Attention, iii) with self-attention, on SQuAD 2.0 and Google's Natural Questions datasets, for open domain QnABiLSTM with self-attention gave the best F1 score of 60.3% on SQuAD dataset | | | | |
| | Fake News Detection: Using an Ensemble Approach | March 2019 - May 2019 | | | |
| | <ul style="list-style-type: none">Performed data cleaning, preprocessing and Exploratory Data Analysis of text dataTransformed text data to TF-IDFs and word embeddings as part of feature extractionApplied Support Vector Machine and Convolutional Neural Network to classify fake news with 79% accuracyCompared results among publicly available datasets and manually scrapped datasets | | | | |
| | Will labor condition application (LCA) be approved? | April 2019 - May 2019 | | | |
| | <ul style="list-style-type: none">Used Random Forest algorithm to extract the top featuresLeveraged machine learning models such as support vector machine, random forest, multilayer perceptron (MLP) and kNN in predicting LCA statusAchieved the highest accuracy of 83% with MLP | | | | |
| ACTIVITIES | → More projects and code samples can be found at https://viveksolanki.com/ Facilitator for Applied CS with Android Course by Google Delivered 3 workshops on Android programming with 150+ total participants | March 2016 - May 2016 | | | |

Available full time from July 2020