VISHRUT KOHLI

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INDRAPRASTHA UNIVERSITY
Maharaja surajmal institute of technology
New delhi , India
Graduating :2019

HIGH SCHOOL
Indraprastha international school
New Delhi , India
Graduated May 2015

LINKS
Github:// vishrutkohli
LinkedIn:// vishrut-kohli
Twitter://vishrutkohli
Quora:// vishrut-kohli
Facebook:// vishrut.kohli.1

SKILLS
PROGRAMMING
- Python • C/C++ • Octave
- HTML/CSS • Javascript • JSON
- REST • Data Structures • Algorithms
- Raspberry pi • LAMP stack

Familiar
- R • PHP • Markdown • Java

OTHER FRAMEWORKS
- Django • Twitter Bootstrap• Pandas • MVC

TOOLS
- SublimeText • Git • Travis Ci

DATABASES
- SQLITE • MYSQL • NEO4J

INTERESTS
- Squash • Football• Photography • Cooking

Software Engineering Intern@Hindustan times(India's 2nd biggest national daily newspaper)
June-present 2017

HT-musicBot
- Messenger-Bot
- Built A music Bot which serves you to anytype of your music cravings in a very interactive and fun way.
- Check this out at **github** and **messenger**.

HT-HateTracker
- Webapp
- A web app which tracks crowdsourced identity based hate crimes in India and presents them in a very interactive way. It also has a restful API for data extraction.
- Check this out at
http://www.hindustantimes.com/hate-tracker/.

Leverage Edu (Backend System Developer)December 2017-Current
1. Contributed to the development of SVM classifier which predicts the chances of a student with given particulars to be admitted to a particular school.
2. Deployed the algorithm on cloud as a realtime Api using python/django which was then integrated in a realtime Web app
3. Link https://leverageedu.com/

HANDS ON

Software and Hardware Development	Web Development	Data Science
•Data structures - Well versed. •Object oriented programming (OOP). •Test Driven Development with unit testing and continuous integration tools like Travis Ci. •Microprocessor Programming in Raspberry pi with python (created a basic home automation device).	•Full LAMP Stack-with backend in Django(Python). •Expose web applications as RESTful APIs. •Model-View-Controller (MVC) design pattern. • Chatbots deployed on facebook messenger, slack and telegram. •Experience with backend services-Heroku,Digitalocean,AWS.	•Experience with understanding and developing machine learning algorithms and integrating them with webapps. •Well equipped with usage of tools/libraries like NLTK, Scikit , Numpy , Pandas . •Coding in Python and Matlab/Octave.

PROJECTS/HACKATHONS/RESEARCH

DHLbot || (UnitedbyHCL @ Old Trafford september 2017 | Manchester , UK
- Chatbot(Deployed on facebook)
- Shortlisted for World finals
- It is a natural language customer centric chatbot developed to answer and assist all user queries in the most interactive and understandable way for logistic giant DHL.It also helps users to automatically detect dimensions of their parcel by sending a picture of the box.
- Check this out at **Github** , **Youtube** or **Messenger**

Finbot || (State Bank Of India-National Hackathon@SBI) June 2017 | Mumbai , India
- Mobile Application
- Built A Finbot which helps customers take wise financial decisions and aid them for other banking needs with the help of some research in the same field .
- ,• Will soon be deployed on their platform.
- Check this out at **Github** and **Youtube.**

DJ.ME || (Leisure project) January 2017
- Mobile Application
- Developed the android app for dj.me which is an automatic Djing and Music mixing Platform. Used Wifi as a trigger beacon for hosting sessions and syncing playlists on a common server thus creating a common playlist for a community
- Check this out at **Github** and **Youtube.**

Smartelec || (GrassrootsHackathon 2017 @SNU) January 2017 | Delhi , India
- Mobile Application
- Runner up .
- It is a demand size management solution for electricity surplus management in which according to the surplus energy produced at the grid the rate of electrical units changes dynamically and the person can schedule appliances to run when the rate is lowest for the day.
- Check the App **here**, **Github** and **Youtube**.

Smart Seating arrangement|| (AviationHackathon 2017) October 2017 | Delhi , India
- Software
- A research derived Social media analysis for community extraction and matching people with similar interests to be seated accordingly to make travel more socially entertaining in aeroplanes or other transports.
- Also Co-authoring a research paper named Smart seating arrangements using social media analysis.
- Check the App **here**, **Github** and **Youtube**.

Timeline summarization for better contextual insights | October 2017
- Software
- A platform which crawls the internet get all the related articles(whom's timeline is to be made) checks with the help of naive bayes classifier whether it's an event or not and then summarizes(using textRank algorithm) it in the form of a timeline.
- Link to ppt: : **here** and **github** .

- **Basic home automation projects using raspberry pi and knowledge of python.**

- **Researching on multi document text summarization with Ms. Minakshi Tomer(College Professor)**