Vaibhav Joshi

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Education

M.S. in Computer Science
Rochester Institute of
Technology,
Rochester, NY.
Aug 2018-Dec 2020 (expected)

B.Tech. in Computer Engg.
Dharmsinh Desai University,
Nadiad, India
Aug 2014-May 2018

Links

Github://@joshivaibhav
LinkedIn:// in/vkjoshi34

Skills

OS
Linux, Windows

LANGUAGES
Java, Python, C, R

**WEB TECHNOLOGIES/
FRAMEWORKS**
Flask, JavaScript, CSS, PHP,
Bootstrap, jQquery, Node.js

DATABASES
MySQL, PostgreSQL

TOOLS/OTHERS
AWS S3, Weka, Tableau, Git,
Mininet, OVS, NetBeans,
Geoserver, PyCharm, RStudio,
MATLAB, IntelliJ IDEA

Coursework

Data Structures And Algorithms
Advanced Object Oriented-
Programming
Big Data Analytics
Computer Networks
Intelligent Systems (AI)
Database Management

Experience

May '19-Aug '19 **Amazon, Seattle**   **Software Development Intern**
As an intern with the Alexa Voice Shopping team, worked on multiple projects that involved analysing customer utterances using NLP and phonetic algorithms as well as developing an API based tool to automate the existing manual approach of updating items in the Alexa language model.
Technologies : Python, Flask, AWS S3, JavaScript

Dec '17-May '18 **BISAG, Gandhinagar**   **Research and Development Intern**
Developed a lightweight web based tool to expedite the development process of BISAG scientists. This tool automated the functionalities of Geoserver - a GIS software extensively used by BISAG. Also rendered a map on Geoserver using PostgreSQL as a side project
Technologies : Java, PostgreSQL, jQuery, REST API, AJAX

Personal Projects

Nov 2019 **Custom SDN Controller**   **Python, OpenFlow, OVS, Mininet**
Designed a custom Software Defined Network (SDN) Controller (like Ryu, OpenFloodLight) from scratch using Python, Open vSwitch and deployed it on the Mininet environment.

Sep 2019 **Used Car Buying Guide**   **Tableau**
Using Tableau and an extensive Craigslist dataset, this is a visualization tool to make my task of buying a used car much cleaner and easier.

Apr 2019 **Game Playing Bot - Berzerk**   **Python, OpenAI**
Developed an intelligent agent to play the classic Berzerk game found in OpenAI's Gym toolkit.

Mar 2019 **Subreddit Classifier**   **Python**
Performed comprehensive analysis of various classifiers such as Naive Bayes, Random Forest, SVM etc by predicting the subreddit of randomly fetched posts.

Apr 2016 **DSA Visualization**   **SVG.js, Javascript, jQuery, HTML, CSS**
As an extension of the college project, developed a client side web app using SVG.js library which visualizes and traces various Data Structures and Algorithms such as Stack, Trees, Sorting Algorithms.

Certifications

Nov 2017 **Text Mining, Scraping and Senitment Analysis in R** **Udemy**
View Certificate

Aug 2017 **Foundation of Data Analysis in R**   **edX**
View Certificate

Feb 2015 **Linux Training Certificate**   **IIT, Bombay**
View Certificate