

Deep Shah

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EDUCATION

Mukesh Patel School of Technology Management & Engineering, India

Expected: May 2023

Candidate for Bachelor of Technology in Computers with *Distinction* (CGPA 3.47/4)

PROFESSIONAL EXPERIENCE

C-BIA Solutions & Services LLP, Mumbai, India

Dec 2020 – May 2021

Software Development Intern

C-BIA Solutions & Services LLP is a Business Analytics company offering Business Analytics Cloud Platform, Services, Customized Solutions and Training.

- Developed a system for provisioning of Nordic Devices in a Mesh Network and built an Android Application to control the devices connected in the Mesh Network
- Contributed in a ASP.net Web Application Development project of an highly esteemed university in United Kingdom
- Contributed in a stock market automation project of a Stock Brokering firm based in Mumbai
- Researched on Integration of Higher Education Statistics Agency of Public Universities in United Kingdom

ACADEMIC PROJECTS AND PAPERS

MovieStats

- Developed a real-time interactive website that provides real-time sentiment analysis of IMDB reviews and tweets of any movie user enters
- The real-time data is being scraped from Twitter and IMDB API is visualized using Chart.js
- Built the Sentiment Analysis model based on Naïve Bayes Algorithm with an accuracy of 98.7% and F-1 Score of 0.99
- Technologies used: Python, JavaScript, HTML, and CSS.

HackerNews Aggregator

- Developed a python project that scraps real-time data from the HackerNews website and sorts it according to the one with the most likes or points and sends user the news with it's details via SMS
- Technologies used: Python (Beautiful Soup and pyAirmore module)

Tweety

- Built a Twitter bot that has various features like showing your twitter timeline, following people, liking the tweets with a certain keyword in it, retweeting a tweet, showing tweets of a certain profile or hashtags.
- Technologies used: Python

DressMerize

- Created an Android based fashion application that suggests the user which outfit to wear for a specific occasion. The app is built using Android Studio and Google Firebase is used for secure user authentication. The app focuses on user appealing UI and bug-less code.
- Technologies used: Android Studio and Google Firebase

Predicting and Analysing Global Warming using Artificial Intelligence

- Authored and published a paper on the same in International Journal of Scientific Research in Computer Science, Engineering and Information Technology in March-April 2021, Volume 7, Issue 2, ISSN: 2456-3307, UGC Journal No.: 64718.

Movie Stats: Sentiment Analysis of IMDB Reviews and Tweets of a Movie Using Naïve Bayes Classifier

- Authored and published a paper on the same in International Journal of Scientific Research & Engineering Trends in January-February 2021, Volume 7, Issue 1, ISSN: : 2395-566X.

TECHNICAL SKILLS

- Programming languages: Python, Java, SQL, C++, C
- .NET Framework: C#, ASP.NET
- Application Development: Android Studio , Ionic
- Web Technologies: HTML5 , JavaScript, CSS
- Other tools: Azure, SQL Server Management Studio, Segger Embedded Studio, Selenium

Courses and Certifications

- CISCO: PCAP – Programming Essentials in Python
- IBM: Data Science Tools
- IBM: Data Analysis with Python
- IBM: Data Visualization with Python
- IBM: Machine Learning with Python – Level 1
- CISCO: Introduction to Cyber Security
- Google: Crash Course on Python
- Coursera Network: Image Processing with Python

EXTRA CURRICULAR ACTIVITIES

- Volunteer , Indian Cyber Squad for helping them in help us in identifying illegal and unlawful online content and creating awareness about cyber-crime among citizens.
- Coordinator, Placement Cell, Mukesh Patel School of Technology Management and Engineering, NMIMS for managing all student progress ,provide assistance to all graduates and review all procedures of placement department.
- Earned a Silver Level Python Problem Solving Badge on HackerRank.
- Ranked in the Top 10 % of the Python Exam conducted by TestDome, London
- Attended the Amazon Web Services (AWS) Summit 2020
- Participated in Polarizer-2019 innovative project competition by Dept. of Basic Science and Humanities, NMIMS MPSTME
- Participated in Envirotech 2.0 by Dept. of Chemical Engineering, NMIMS MPSTME.
- Attended Ethical Hacking Workshop organized by TSEC, Mumbai