

Khushal Vyas

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EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN INFORMATION TECHNOLOGY

Expected, May 2021 | Noida, India
Cumulative GPA: 7.7 / 10.0

LINKS

LeetCode:// [codekhal](#)
LinkedIn:// [khushal-vyas](#)
GitHub:// [codekhal](#)

COURSEWORK

- Data Structures and Algorithms
- Operating Systems
- Database Management System
- Data Scientist with Python Track; DataCamp (certificate)
- Learn ML By Building Projects; Eduonix (certificate)

SKILLS

PROFICIENT

- C / C++
- SQL
- Python
- Scikit-Learn

PRIOR EXPERIENCE

- NLP
- JavaScript
- Node.js
- DS/Algo

TOOLS

- GitHub
- Git
- Linux
- Markdown

INTERESTS

- Hackathons
- Open Source Communities
- Talking on recent technologies like ML, AI
- Event Management
- Zeal to Learn

COMMUNITIES

INVOLVED

- Organizing Team Member, PyData Delhi
- Open Source Developers' Community(OSDC), IIIT Noida

EXPERIENCE

THE DEXTERITY GLOBAL GROUP | RESEARCH INTERN

May 2020 - July 2020

- Built a rule-based conversational bot using NLTK along with other Python Libraries and Tkinter for GUI toolkit.
- Deployed it on telegram, messenger and other social media platforms for helping user know about the Organisation and its ongoing projects.

PYDATA DELHI | WEB DEVELOPER

May 2019 - August 2019 | Delhi, India

- Developed a website for **PyData Delhi Conference 2019** which had received around 1000+ impressions for registration and payments.
- Was also responsible for handling speaker sessions and co-organizing Conference on 3rd and 4th August 2019.

ACADEMIC PROJECTS

AUTON | AUTONOMOUS BOT FOR FETCHING DATA FROM QR CODES

SEP 2019 - DEC 2019

- Made a Self Driving Bot using Raspberry Pi, OpenCV and UNO for real-time frame detection and text decoding in Barcodes and QR codes.
- Used OpenCV and packages like pyzbar for fetching data from QR Codes.
- Our bot acted as a helping hand for faculties in transferring files from one cabin to another and to streamline their daily routine tasks.

INSHOTS SENTIMENT ANALYSIS | NLP

JAN 2020 - Mar 2020

- Leveraged the power of Requests and Beautiful Soup libraries to retrieve Corpus of News articles from Inshorts and followed Standard NLP Workflow.
- Analysed sentiments of news articles from various categories and plotted them against positive, negative and neutral sentiment.

GREETIFY | CROSS PLATFORM ENTRY MANAGEMENT SYSTEM

NOV 2019 - DEC 2019

- A desktop app build on top of Electron, used Firebase for Database handling and User Authentication. Used Nodemailer and Nexmo API for Setting up mailing and messaging system respectively.

SHOPPING CART | ENHANCING UX AT RETAIL STORES USING AR

OCT 2019 - Nov 2019

- App with features like Geofencing and AR payments for better UX and to avoid long queues at retail stores.
- used collaborative filtering technique to make a personalised recommendation system for better user interaction at shopping stores.

ACADEMIC RESEARCH

SECURING DRONE COMMUNICATION USING AI

- Background Survey dealing with various security issues faced by UAVs.

FOG COMPUTING FOR IOT AND APPLICATIONS

- Fog Computing reducing delay in latency-sensitive applications.