Karan Khanna

khanna2karan@gmail.com | Website

EXPERIENCE

SERVICENOW | Software Development Intern
July 2020 – Oct 2020 | Hyderabad, IND
- Worked with core **ITSM** Team, ITSM BU of ServiceNow.
- **Developed features**, **fixed bugs** and **tested** parts of applications for the upcoming release.
- Explored **third-party APIs** for making future integrations.

FINIQ | Summer Engineering Intern
Apr 2020 – June 2020 | Pune, IND
- Developed **Finance News Feed portal** based on daily Top Gainers, Top Losers and Top Volumes of Financial Instruments like US Stocks, NSE, FOREX and INDICES with **interactive graphs**.
- Applied **NLP** and various **Clustering Algorithms** to financial term sheets in order to build **quality-rich clusters**.

IIT KHARAGPUR | Undergraduate Research Intern
May 2019 – June 2019 | Kharagpur, IND
- Implemented **Graph-based Ranking Algorithms for Sentence Extraction**, Applied to **Text Summarization** to figure most important sentences from a given context.
- Developed **Image Recognition Application** using Convolutional Neural Networks.
- Using **Checkpoint/Restore feature of Docker**, developed feature for **dynamic deployment** of applications on Cloud Servers.

PROJECTS

THOUGHT-LOGS | BTP
Dec 2020 – Jan 2021
- **A blogging app** to let people post their thoughts, stories and opinion in rich-text-format.
- Powered by **Node server**, **MongoDB** database running at the server side.
- Developed a **classified section** for reading posts by their category.

DARE TO PROXY! | BTP
Jan 2020 – Apr 2020
- Implemented a **YOLO(You Only Look Once)** based model to locate face of students based on **Face Recognition and Object Localisation**.
- Various conditions are considered like **low light scenarios, seating arrangement, body posture**, etc.
- The model is trained using transfer learning on a **hand-clicked dataset of IIIT classroom images** and achieved an **accuracy of 97.8** percent.

SIMON GAME | Personal Project
Dec 2019
- Developed a clone of **Simon Game**.
- Used pure JavaScript elements like **event-listeners**, etc. to trigger event based actions.
- A pure **Client-side Application**.

EDUCATION

IIIT PUNE
B. Tech. in Electronics and Communication Engineering
2017-21 | Pune, IND
Cum. GPA: 9.25 / 10

DBM, AGRA
Intermediate, Science Stream
Class of 2017
Aggregate: 85.6%

DBM, AGRA
Marticulation
Class of 2015
Cum. GPA: 9.8/10

SKILLS

Lang: C, C++, Python, JavaScript
WebDev: Node, React, MongoDB, SQL
Tools: git, Docker, heroku, MATLAB

COURSEWORK

ACADEMIC COURSES
Data Structures
Analysis and Design of Algorithms
Operating Systems
Object Oriented Programming
Probability and Stochastic Process
Calculus

EXTRA COURSES
- Machine Learning (-*Andrew Ng*)
- Computer Vision (-*Andrew Ng*)
- MERN Stack Development (-*Angela Yu*)

EXTRA-CURRICULAR

- Web-Dev Club (*President*)
- Mentor club members in web-dev
- Blind Coding Event(*Organiser*)

ACHIEVEMENTS

- Ranked in **0.7%** out of 1.3 million candidates in JEE2017

LINKS

Github:// **karanbits**
LinkedIn:// **karan-khanna-02**