Zubin Choudhary

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EXPERIENCE

Google summer of code
Developer, Fedora Project (RedHat)   *March 2019 - Aug 2019*
- Build a Graphical User Interface (GUI) based Linux application that allows testers to download, test and review packages available on the testing platform.
- Tested the application thoroughly and built packages for the destribuiton.
- Migrated the the deprecated Python2 API endpoints and dependencies to Python3.

Taritas
Software Developer Intern   *May 2018 - July 2018*
- Built an Android and iOS using cross platform building technologies.
- use Google Maps and Apple maps functions and APIs.
- Built API endpoints for the application using **Microsoft's Azure service**.

PROJECTS

Linux Drivers for unsupported peripheral
System Drivers - Self project
- Sniffing Data using pre-existing drivers available for other operating systems
- Reading Raw data over the USB receiver and comparing it with the sniffed data
- Running a daemon that provides the input using input libraries

FaceRec based public transportation wallet
Hackathon Project - Microsoft Imagine cup Asia Finalists
- A one shot learning algorithm with an accuracy of 98%
- Automated calculation of ticket pricing by calculating shortest way to reach the location by using metro connectivity.

Licence Plate Recognition based Toll
Hackathon project
- Number plate detection using OpenCV
- OCR number plate recognition for database

ACHIEVEMENTS AND LEADERSHIP

Microsoft Imagine Cup
Hackathon - Asia Finalists   *2020*
- One of the **Top 10 teams** selected from Asia-Pacific **APAC (18 countries)**.
- My work was to make the registration of face easy and working on integrating **Azure's Face API**.
- The team created a solution for bottle necked gateways in a daily commute: specifically the entry and exit points at metro stations

Google Code-in Mentor
Mentorship   *2020*
- Open-source project mentor for new contributors. Reviewing tasks, helping students in learning about development environment and tools.

Smart India Hackathon (SIH)
Hackathon   *2020*
- Opportunity to present our project to the government and gain knowledge in the working of the industry.
- Got selected for Smart India Hackathon in under the transportation project where we improve the efficiency of the transportation

Sherlocked
Student club head   *2020*
- Opportunity to present our project to the government and gain knowledge in the working of the industry.
- Got selected for Smart India Hackathon in under the transportation project where we improve the efficiency of the transportation

EDUCATION

Bennett University   Greater Noida,Uttar Pradesh, India
Bachelor of Technology in Computer Science and Engineering   *May 2021*

PROGRAMMING SKILLS

- **Programming Languages**: Intermediate: Python, JavaScript | Working Knowledge: C, C++, Java
- **Technologies**: Linux, node.js, AWS, PyQt5