ISHAN SHRESTHA

COMPUTER ENGINEER

CONTACT

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EDUCATION

Kathmandu Engineering
College, Kalimati
2016 - 2021

SKILLS

Python
SQL (Postgres, MySQL)
NoSQL (MongoDB)
Power BI
MS Excel
Pandas
Postman

LINKS

Personal Website
ishans.com.np/

Github
github.com/Ishan5hrestha

Arts
artstation.com/mutton

Games
300.itch.io/

CAREER OBJECTIVES

I am highly motivated hardworking individual with proper work ethics who performs assigned tasks with utmost sincerity. Having an inquisitive mind, I have a deep-rooted love for learning and I am not he one to be embarrassed to raising queries

PROJECTS

Prediction of Electric Demand

- Website to forecast electric demand a week ahead
- Data from NEA and TIA combined to form complete dataset with electric and temperature data.
- Used KNN to train model and predict electric values
- Prediction achieved with above 90% accuracy

Stocks Price Forecasting

- Obtained daily stock prices using scrapy spiders
- Converted the daily combined data into individual stock's data using Power BI
- Implementing SVM to predict the future values of the stocks

Project Assistant

- Automates project creation, virtual environment setup, package installation and start apps on command
- Voice commanded as well as text based

Freelanced Survey Website

- Directly printable, Firebase based website hosted for period of a year and interaction with the users regarding their troubles using the frontend

Others
- Django REST API implemented webapp
- object detection using TensorFlow and YOLO
- custom OD model generation with CNN and Haar Cascade
- browser automation with Selenium
- text recognition with Tesseract
- Various games using GMS1.0 and Armory3D
- Arduino LED flashing in Tinkercad, etc