Sujay Sathya

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EXPERIENCE

SOLARILLION FOUNDATIONS | Research Assistant
JAN 2020 – Current | Chennai,TN
- Supported research and development efforts to create new products, equipment and processes.
- Summarised search results by preparing written reports, graphs, fact sheets and tables.

CODE FEMME | Teaching Assistant
Sept 2019 – Current | Chennai,TN
- Performed special tasks such as teaching python and data analysis to underprivileged girls who study in government schools.

PROJECTS

BUNK BOT | Python Bot that attends meetings for you
JUL 2020 – Present | Chennai, TN
- This bot gets the meeting ID of your meeting from Google Docs and opens Google Meet and logs in on your behalf.
- Speech Recognition is used to identify whether name is being called out during and the bot automatically types a common reply in the chatbox.
- Image Processing is used to convert all the messages in the chatbox into an array of strings and uses some string manipulation techniques to find the most common phrase most of the students said and type it in the chat box.
- 300 stars, 30 forks, 136 clones and 23000 views on github

ENIG MATRIX | A smart security system built using Arduino and Raspberry pi
Mar 2020 – Present | Chennai, TN
- Uses a modified face recognition algorithm to reduce computation time by 50 percent.
- Zero storage required for the camera.

FLIGHT DELAY PREDICTION | A machine learning pipeline to detect the delay in flights
FEB 2020 – JUL 2020 | Chennai, TN
- Used a two-step process using two common machine learning tasks such as regression and classification. We try and classify whether a given flight will be delayed or not and then use regression techniques to find out the precise delay.
- predicted arrival delay considering the weather parameters at the departure airport

EDUCATION

SSN COLLEGE OF ENGINEERING

Bachelors of Engineering in Computer Science and Engineering
Expected Apr 2022
CGPA: 8.7

SKILLS

PROGRAMMING
4+ years:
- Python• C
- C++ •HTML• SQL
2+ years:
- Java • Verilog•Mongo DB
- Java Script

ADDITIONAL COURSEWORK

Machine Learning A-Z
Deep Learning A-Z
Pandas Boot-camp
Diploma in social media marketing

SOCIETIES

Association for Computing Machinery (ACM)
Tech club SNU
Robotics club

EXTRA CURRICULAR

24 awards in 26 MUNs
2 time Best Speaker in ISDS
Multiple trophies playing football
Multiple overall victories in Culturals

LINKS

Github:// **sujaysathya**