SATHWIKA PARSHABOINA

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EDUCATION

Master of Science in Computer Science, Dec 2022

WRIGHT STATE UNIVERSITY, DAYTON, OH

Bachelor of Technology in Computer Science and Engineering, Sep 2020

SR ENGINEERING COLLEGE, WARANGAL, INDIA

SKILLS

- **Programming Languages** : Python, Java, C, HTML/CSS
- **Databases** : SQL, Firebase
- **Libraries** : NumPy, OpenCV, Matplotlib
- **Tools** : Android Studio, PyCharm, Jupyter Notebook, Eclipse
- **Application servers** : Tomcat
- **Version Control** : GIT

PROJECTS

PlanTry   Aug 2021 - Dec 2021
- Spearheaded the android application in java used for collaborative pantry management.
- Implemented user authentication and validation from the data obtained from Firebase.
- Developed the to-do list and Google Maps API.

Artificial Facial Recognition System   Jan 2021 - Apr 2021
- Designed the system to eliminate the fake attendance or proxy through mobile phones using python.
- Implemented deep learning models to predict images using OpenCV for reading, reshaping, increasing dimensions and then predicted the model.
- Developed the front-end pages using HTML/CSS.
- Obtained an accuracy of 84 percent.

E-Health Care Management System   Apr 2020 - Sep 2020
- Developed a web application for patients to get prescriptions from their preferred choice of doctors.
- Implemented the admin module ranging from accepting new doctors and hospitals requests to adding to our application using Java and SQL.

CERTIFICATIONS

Data Structures and Algorithms using Python, Mar 2019

National Program on Technology Enhanced Learning (NPTEL)

Python Training, Feb 2019

Center for Experiential Learning (CEL)