SHRI VIDHATRI M M

Research is formalized curiosity. It is poking and prying with a purpose.
-Zora Neale Hurston

CONTACT

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SKILLS

Programming

Python	★★★★★
Bash	★★★★☆
C++	★★★★★
Javascript	★★★☆☆
HTML/CSS	★★★★★
LaTeX	★★★☆☆
Java	★★★☆☆
SQL	★★★★☆

Operating Systems

Linux	★★★☆☆

Software & Tools

Visualisation

Gaussian	★★★★☆

Data handling/analysis

numpy	★★★★★
pandas	★★★★☆

Languages

English	★★★★★
Telugu	★★★★★
Hindi	★★★★☆

Other skills

Basic chemistry	★★★★★
Basic biology	★★★★★

CERTIFICATES

KVPY fellowship certificate

CURRENT PROJECTS

🏷 **Literature review on selectivity of gases using metal oxide nano materials**

🏷 **Custom named entity recognition using spaCy**

🏷 **IoT real life project using Bolt module and ML**

ABOUT MYSELF

Undergraduate student of International Institute of Information Technology, Hyderabad studying dual degree BTech in Computer science & MS in Computational Natural Sciences. My passion is about research and finding out new things in any field. I am a quick learner and can rise to the occasion to explore new ideas, theories and fields.

🎓 EDUCATION

📅 06/2019 - Present
🏛 International Institute of Information Technology, Hyderabad
✏ 7.23 CGPA (4th Semester)

📖 Dual Degree : Btech CS, MS CND

📅 04/2007 - 05/2019
🏛 Kendriya Vidyalaya No.2, Kalpakkam
✏ 10/10 CGPA (AISSE), 94% (AISSCE)

📖 All India Senior School Certificate Examination (AISSCE), CBSE

ACHIEVEMENTS, HONOURS AND AWARDS

🔖 Till before 2019 : (link)

🏆 KVPY-SX Scholorship, AIR: 1402

🏆 NSO International Rank : 194, HCU AIR : 5, NEET AIR : 26169(CMC seat)

🏆 NEST AIR : 195, NISER AIR : 121, BITS, JIPMER AIR : 5318, AIIMS AIR : 4985

🏆 AIIMS AIR : 4985,

PROJECTS AND REPORTS

🏷 Car racing game
　🔖 A multiplayer car racing game using python and pygame..

🏷 Devices based on Quantum Mechanics
　🔖 A review paper about quantum tunneling, tunnel diodes and MIIM diodes.

🏷 CRISPR in oncological research
　🔖 A review paper on CRISPR in the research of cancer and its effects.

🏷 Deep Neural network for image classification

🏷 Tour management DBMS

🏷 Report on Interesting algorithms from various fields of science and technology (Team project)

🏷 Simple Android app

🏷 Web scraping of clinical trial registries (Team project)

🏷 Institute attendance management system
　🔖 A research paper using software systems research principles

🏷 Multi-page responsive website

🏷 Analsing depression from user's social netwoork footprint

"Research is to see what everybody else has seen, and to think what nobody else has thought." - Albert Szent-Gyorgyi

COURSES, MINI PROJECTS AND INTERNSHIPS

Internships(current/completed)

- Literature survey for battery selection in sensor development, Indira Gandhi Center for Atomic Research (IGCAR)
- Parameter survey among imported bio medical instruments, IGCAR
- Internship with the Data Science team at Go-To-Market Buddy Software Private Limited as a full-time intern assigned to work in Machine Learning areas

Mini projects

- Computational chemistry using Gaussian
- MATLAB to understand random variables visually
- A report on Women in our society an the true meaning of feminism
- Report on applications of probability in bio-informatics (Team project)

Courses

- Neural Networks and Deep Learning
- HTML, CSS, and Javascript for Web Developers
- Basics of Java
- Flutter workshop

"Predicting the future isn't magic, it's artificial intelligence." - Dave Waters