

PALAKUR ESHWITHA SAI

ACADEMIC PROFILE

| Degree/Certificate | | Institution | | | | | Percentage/CGPA | | Year |
|---|--------|---|--------|-------|--------|---------|-----------------|--------|-------|
| IDD | | Mathematical Sciences IIT (BHU), Varanasi | | | | | 9.37 | | 2023 |
| Sem I | Sem II | Sem III | Sem IV | Sem V | Sem VI | Sem VII | Sem VIII | Sem IX | Sem X |
| 8.71 | 9.13 | 9.27 | 9.40 | 10.00 | 9.68 | - | - | - | - |
| Telangana State Board of Intermediate Education (XII) | | Fiitjee, Dilsukhnagar, Hyderabad | | | | | 98.60 | | 2018 |
| Indian Certificate of Secondary Education (X) | | St. Joseph's School, Malakpet, Hyderabad. | | | | | 97.80 | | 2016 |

SKILLS

Programming Languages

C, C++, Python, Java (Basic), JavaScript

Areas of Interest

Machine learning, Natural Language Processing, Web development.

INTERNSHIP/TRAINING

Google | STEP Intern

May 2021 - July 2021

Worked on building ChatBot for Google Nest Support using Java and Dialogflow CX.

- The ChatBot fetches useful insights about the device or structure of a customer after their consent, to decrease overall resolution time of a support case.
- Frameworks used - Java, Dialogflow CX, Protocol Buffers and other Google Internal Frameworks.

GeeksforGeeks | Technical Content Writer Intern

June 2020 - July 2020

Wrote articles that cover topics in Data structures and Algorithms and Machine Learning.

PROJECTS

Question Answering on SQuAD2.0 Dataset

Aug 2020 - Ongoing

Stream Project under the supervision of Dr. Santwana Mukhopadhyay

- Trained an unsupervised learning model and a supervised learning model for the SQuAD1.1 dataset.
- Working on building a model that performs well on the SQuAD2.0 dataset that has unanswerable questions with plausible answers which act as distractors.
- Technologies used - Python.

Cryptography Algorithms

April 2021 - May 2021

- Implemented the Atbash cipher and DES algorithm. Demonstrated the Avalanche effect with different hyper parameter choices and the effect of using weak keys in DES.
- Technologies used - HTML, CSS, Javascript, Django.

Credit Card Fraud Detection

Aug 2020 - Oct 2020

Infosys Summer of Ideas

- Trained machine learning model to detect credit card frauds and used **Flask** framework to create a web application for it. Deployed the model using **AWS EC2 Instance**.
- Technologies used - Python, Flask, HTML.

POSITION OF RESPONSIBILITY

Academic Mentor | Student Counselling Services

Aug 2019 - Oct 2019

Conducted weekly classes to cover fundamentals of Engineering Mathematics - II, prepare and provide practice sheets and assist the first year students with any subject related queries.

HONOURS AND ACHIEVEMENTS

- Secured **first** position in the Cybersecurity theme in **Infosys SOI**.
- Secured **AIR 2506** in JEE Advanced (2018).
- Secured state wide rank **148** in Telangana EAMCET (2018) among 2lakh+ students.
- Secured state wide rank **328** in Andhra Pradesh EAMCET (2018) among 1.9lakh+ students.
- Secured **AIR 100** in **IIST** examination (2018).
- ICSE **School topper, second** position in Hyderabad **city** (2016).

EXTRA-CURRICULAR ACTIVITIES

- Volunteer in **Kashi Utkarsh**, a branch of the Social Service Council, where we strive to **educate the kids of the basti** both morally and academically.
- Participated in **Kabaddi** in Spardha 2018, the annual sports fest of IIT (BHU), Varanasi.
- Participated in **Hydracs** and **Goldberg's Alley** in Technex 2019, the annual techno-management fest of IIT (BHU) Varanasi.
- Participated in **Flipkart Grid 2.0**, Engineering Campus Challenge.

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