HARSHINI SARANU

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EDUCATION

The University of Texas, Dallas   **August 2021 – May 2023 (Expected)**
- Master of Science in Computer Science with specialization in Data Science
- Coursework: Data Structures, Algorithm Design and Analysis, Machine Learning, probability and statistics, Web Programming, Databases, Object oriented design, problem solving.

KL University, India   8.98/10   **Jun 2016 – May 2020**
- Bachelor of Technology in Computer Science and Engineering

WORK EXPERIENCE

Cognizant Technology Solutions Ltd   Full Time Employee   July 2020 – July 2021
- Worked in Verizon One Fiber team as UI developer
- Developed a user interface using front end technologies like Angular, Html, CSS, Java Script also worked on database using SQL, PLSQL as per business requirement
- Worked in Agile Environment to build and deliver high-quality solutions for broadly defined problems.

Cognizant Technology Solutions Ltd   Internship   Jan 2020 – May 2020
- Worked on business tasks which include Angular, Html, CSS, Java Script, SQL technologies.

SKILLS

- Languages: C, Java, Python, HTML, CSS, SQL, JavaScript, Angular
- Packages & Frameworks: NumPy, Pandas, TensorFlow, Keras
- Tools: Jupyter Notebook, Spyder, Visual Studio Code, Eclipse, GIT, Jira
- Database Technologies: Oracle, SQLite, MYSQL

TECHNICAL PROJECTS

Student Information System   **Mar 2019- May 2019**
- Developed a real time web application which can be used by educational institutions to display, store and maintain entire student information
- This is a single platform for personal and education records of students, where admin can modify the records and a student can only edit his personal details and view other records.
- Technologies Used: HTML, CSS, JavaScript, Java, JDBC, JSP, SQL

Autism Screening Child   **Sept 2019- Oct 2019**
- Developed a model using Naïve Bayes where it can predict if a child is suffering from Autism.
- Dataset is collected from previous data and when a new child data, that is collected using parental questioner is given the algorithm predicts the probability.

Image classification on CIFAR10 dataset using CNN   **Dec 2019- Jan 2020**
- Developed a convolution neural network to classify the CIFAR10 dataset, which has 60000 images split in 20:80 for test and train.
- Using batch normalization and ReLU activation function improved the efficiency of network to 81%.

OTHER WORKS & REWARDS

- Won Bronze medal in Hacker rank week of code
- Pega certified system architect 7.4
- Worked as Teaching assistant for a professor in undergrad, which include grading assignments and organizing class lecture.