

# Sai Lasya Yadala

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## Education

### **Masters in data science,**

University of Texas at Arlington, GPA - 3.2/4

**May 2023**

Arlington, Tx.

### **Bachelor of Engineering, Electronics and Communication Engineering,**

R.M.D. Engineering College, GPA - 8.62/10

**Sept 2020**

Chennai, India.

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**Programing:** Python, C, SQL, R, Linux, Python frameworks- Pandas, NumPy, Matplotlib.

**Technical Skills:** Data visualization, Data analysis, Data modeling, ETL, Power BI.

**Certifications:** SQL, Power BI/ ETL, Python for Everybody, Data visualization using python.

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## Work Experience

### **HCL Technologies Limited**

**Chennai, India.**

*Software Engineer*

**Client – Cisco.**

Nov '20 – Dec '21

- Used python 3.6 version for writing scripts for Wireless Network features.
- Manual Testing and Python scripts automated using Pyats Frameworks for wireless network features.
- Involved in test planning and was in direct contact with client for test plan documentation.
- Collaborate with other developers and test engineers on the design, development, and testing of the features.
- Automate and Execute test cases for different testcases.
- Occasionally work with developers to perform root-cause analysis and problem diagnosis.
- Work with development and QA to remediate customer bugs and fixes.
- Participated in daily stand-up meetings and code reviews.

## Internships

### **HCL Technologies Limited**

**Chennai, India.**

- Have been worked on the wired and wireless networks and have done some certification courses on python.
- Developing, maintaining, and executing manual test cases.
- Logging and tracking of defects to closure using standard test management tools.
- Actively participates in developing & improving existing testing technologies, including methods, approaches & execution.

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## Academic Project Experience

### **Graph Analysis and Visualization:**

- Using python programming performed analysis on NYPD arrest data with 13 years data on daily basis.
- Data cleaning and Pre-processing implemented only on the specific years for analysis.
- Analyzed the data by plotting the histogram graph using matplotlib library.
- Randomly picked a location and computed number of arrests in specified radius from that location using google maps.

### **Relational DBMS:**

- Using SQL programming have created a following tables for the 'SOCCER' (world cup 2014 information) database.
- Loaded the records into the created tables using Python programming.
- Executed the given Queries for that database.

### **Extract and Load Data:**

- Design and implemented a database for a Bank Enterprise by ER/EER schema diagram.
- Mapped EER schema into a relational database Schema and implemented it on ORACLE/MySQL in Omega.
- Loaded some data into database and created some queries.

### **Generating Reports using power BI:**

- The main aim is to design and deliver an end-to-end business solution by transforming the raw data.
- Built a relational data model, created a new columns and performed DAX measure.
- Created an interactive Dashboard and Report to analyze and visualize the data.
- Compared the regional performance, analyzed the product level trends and forecasts.

### **Building Data model:**

- Built a relational data model for the cab data and Transformed using Python code.
- Deployed the data model into the database and created an interactive dashboard and Report.