

# Kintur Shah

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## EDUCATION

<b>The University of Texas at Arlington   Masters of Science in Computer Science</b>	<b>GPA: 3.75</b>
Relevant Coursework: Machine Learning, Artificial Intelligence, Data Mining, Cloud Computing and Big Data Database Systems, Software Engineering, Design & Analysis of Algorithms, Data Analysis and Modeling Techniques	<b>June 2025</b>
<b>L.J. Institute of Engineering and Technology   Bachelors in Computer Engineering</b>	<b>GPA: 3.70</b>
Relevant Coursework: Data Structures & Algorithms, Web Development, Python for Data Science, Computer Networks, Data Visualization, Discrete Mathematics, Operating Systems, Advanced Java	<b>May 2023</b>

## SKILLS & CERTIFICATES

**Programming Languages:** Python, SQL, HTML, CSS, JavaScript, PHP, C, Java

**Libraries and Frameworks:** Pandas, NumPy, Matplotlib, NLTK, Sci-kit Learn, Seaborn, Tkinter, Streamlit, PyGWalker, Hibernate, Laravel, Flask, Django

**Database:** MySQL, SQLite, Azure SQL Database

**Softwares:** Visual Studio Code, Jupyter Notebook, Github, Power BI, Microsoft Azure, Azure Data Studio

**Data Analysis Tools:** Power BI, Tableau, MS Excel, Google Charts

**Certificates:** MATLAB Onramp (Mathworks), Learning Python (Linkedin), Advanced Google Analytics (Google), Introduction to Data Science (IBM), Data Visualization (Kaggle)

## WORK EXPERIENCE

**CSRBOX Foundation, Ahmedabad, India | Data Analytics Intern** **Feb 2023 - May 2023**

- Collected, cleaned, and preprocessed large datasets for analysis using Python.
- Performed Exploratory Data Analysis (EDA) using Pandas and Matplotlib, including Correlation Analysis to uncover data trends.
- Applied predictive modeling and time series analysis, increasing the accuracy of predictions by 15%.

**Octagotech Pvt.Ltd., Rajkot, India | Web Developer Intern** **July 2022 - Sept 2022**

- Responsible for developing both static and dynamic web pages, enhancing my proficiency in web programming languages including HTML, CSS, and JavaScript.
- Analyzed web traffic data to optimize site performance, resulting in a 15% increase in page load speed.
- Introduced data-driven optimization techniques for enhancing user experience based on collected data insights.

**CreArt Solutions Pvt.Ltd., Ahmedabad, India | Intern** **June 2022 - July 2022**

- Developed a scalable email sender application using Django, HTML, and CSS, improving email delivery efficiency by 30%.
- Collaborated on backend API design and database integration using SQLite, reducing system bottlenecks by 20%.

**Elite Techno Groups | Intern** **Aug 2021 - Sept 2021**

- Got the training for Python and Machine Learning in depth. Understood the concepts of Supervised and Unsupervised models, JSON and how it is integrated with Python programming language.
- Wrote python scripts for data extraction and processing, streamlining the preparation of datasets for analysis, achieving a 20% improvement in analytical accuracy through data-driven optimization.

## PROJECTS

**Movie Recommendation System [ Python, NLP and Streamlit ]**

- Developed a Semantic Search Engine for Movie Recommendations to help users find movies based on semantic relevance and user input, utilizing Natural Language Processing (NLP) techniques.
- Integrated an interactive web app using Streamlit for real-time movie recommendations, improving user engagement by 25%.
- Managed data preprocessing, feature extraction, and model integration for back-end development.

**Inventory Management System [ Python and JSON ]**

- Designed an Inventory Management System to streamline the organization, pricing, and management of inventory data.
- Implemented features like displaying product details, updating inventory, and tracking customer purchases.

**Hate Speech Detection [Python & its libraries ]**

- Performed Data Wrangling on the training and testing datasets to clean, transform, and prepare large datasets for analysis, ensuring data accuracy and consistency.
- Used LSTM and BERT neural network models, achieving 93% accuracy in detecting and classifying hate speech in tweets.

**Data Analysis on Summer Olympics [ Power BI and Python & its libraries ]**

- Conducted Exploratory Data Analysis (EDA) on Olympic datasets using Numpy, Pandas, Matplotlib, Sweetviz, and Seaborn to analyze patterns in medal distributions.
- Created interactive Power BI dashboards, enabling users to visualize performance trends and make data-driven decisions.
- Improved data-driven insights by 20% through efficient data visualization and dashboard integration.

## LEADERSHIP AND INVOLVEMENT

- Student Assistant at Office of Admissions at The University of Texas at Arlington.
- Marketing Member of 'EXCEL' Campus Activities at The University of Texas at Arlington.
- Volunteered for the cultural fest named 'Lumina' at L.J Institute of Engineering and Technology.
- Engaged in a fulfilling role as a dedicated tutor for almost 6 months, providing valuable academic assistance to peers in Physics and Mathematics subject.