

Srushti Shah

srushti1010shah@gmail.com | (732) 740-1799 | New York, NY

EDUCATION

NEW YORK UNIVERSITY, NY
M.S. IN COMPUTER ENGINEERING
2024-2026
GPA: 3.778/4.00

AIIE, AHMEDABAD
B.E IN INFO AND COMM TECH
2019-2023
CGPA: 8.49/10.00

STANFORD UNIVERSITY, CA
SUMMER VISITOR
June, 2022 - August, 2022
GPA: 3.44/4.00

LINKS

Portfolio: srushtishah.netlify.app
Github: [srush-shah](https://github.com/srush-shah)
LinkedIn: [srushtishah10](https://www.linkedin.com/in/srushtishah10)
Credentials:
credentials748089461.wordpress.com

SKILLS

LANGUAGES/SCRIPTS

Python • C • C++ • Java
JavaScript • HTML • CSS

WEB TECHNOLOGIES

ReactJS • ExpressJS • jQuery • NodeJS
Bootstrap • Git • GitHub • GitLab
VS Code

ML/DATA SCIENCE

Tensorflow • Scikit-learn • Keras
Pandas • MongoDB • SQL

COURSEWORK

GRADUATE

- Intro. to Machine Learning
- Machine Learning Systems Engineering and Operations
- Deep Learning
- Data Science for Business: Technical

UNDERGRADUATE

- Data Structures
- Python for Data Science
- Artificial Intelligence
- Data Mining and Business Intelligence
- Big Data Analytics
- Cloud Computing
- Machine Learning
- Software Engineering

EXPERIENCE

CABBAGESOFT TECHNOLOGIES | REACT DEVELOPMENT INTERN

Apr 2023 - Jun 2023 | Ahmedabad, India

- Independently worked on feature development for client websites, ensuring timely delivery by collaborating on requirements and design.
- Developed and implemented features while conducting unit and integration testing to ensure quality and performance.
- Actively contributed to design discussions and user acceptance testing, gaining hands-on experience with the full project lifecycle while working with cross-functional teams.

BHASKARACHARYA NATIONAL INSTITUTE FOR SPACE APPLICATIONS AND GEO-INFORMATICS | RESEARCH INTERN

Jan 2023 - May 2023 | Gandhinagar, India

- Conducted data preprocessing and exploratory data analysis on air quality data from Indian cities (2013-2022) to prepare for predictive modeling.
- Implemented and trained machine learning models, including Linear Regression, Decision Tree, and Neural Networks, to predict AQI trends.
- Configured CUDA and cuDNN for GPU acceleration, optimizing model training efficiency.

SPACE APPLICATIONS CENTER, ISRO | RESEARCH INTERN

Sep 2022 - Nov 2022 | Ahmedabad, India

- Developed a Windows desktop application for real-time monitoring of Quantum Key Distribution (QKD) metrics in the Quantum Communication department.
- Designed and implemented a user-friendly interface to display and track key parameters for continuous observation and analysis.
- Utilized C# and XAML within the .NET 5.0 framework, leveraging Visual Studio 2019 for development.
- Gained hands-on experience in software development for scientific applications and real-time data visualization.

PROJECTS

🔗 TRAFFIC SIGN DETECTION MODEL | VERZEO INTERNSHIP PROJECT

- Implemented and fine-tuned a Convolutional Neural Network (CNN) using Keras library to classify and detect traffic signs in real-time.
- Optimized model performance through data preprocessing, augmentation, and hyperparameter tuning, achieving high accuracy.
- Implemented real-time traffic sign detection using saved model weights and JSON configuration with video inference.
- This model serves as a naive foundation of the advanced traffic sign recognition systems used in self-driving cars today

🔗 GIPHY SEARCH | PERSONAL WEB PROJECT

- Developed a GIF search engine using ReactJS and TailwindCSS, integrating the GIPHY API for fetching and displaying GIFs based on user queries.
- Implemented Axios for API requests and Firebase authentication for secure access, enhancing user experience and performance.

🔗 BOOK MY SHOW CLONE | PERSONAL WEB PROJECT

- Developed a responsive movie and event booking platform replicating BookMyShow using ReactJS, TailwindCSS, and React Router.
- Integrated the TMDB API for fetching movie details and React-Slick for interactive carousels.
- Implemented Razorpay Payment Gateway for secure transactions, enhancing the user experience with seamless navigation and dynamic content rendering.