

# SHUBHAM GORE

2707 Portland Street, Los Angeles, California | (213) 756-8327 | spgore@usc.edu | linkedin.com/in/shubham-gore-b36612118

## EDUCATION

**University of Southern California** Los Angeles, CA  
**Master of Science Computer Science** January 2024-December 2025

**SRM Institute Of Science And Technology** Chennai, Tamil Nadu  
**Bachelor Of Technology Computer Science Engineering with Big data Analytics** June 2019-May 2023

## TECHNICAL SKILLS

Interests and Domain: MERN, Data Analysis, Machine Learning, Computer Vision

- Languages and Frameworks: Python, C++, MERN, SQL, Git
- Libraries: Plotly, Matplotlib, Seaborn, Scikit, Keras, Tensorflow
- Tools and Infrastructure: Jira, AWS, Postman, Tableau, Agile

## WORK EXPERIENCE

**CDAC** Pune, Maharashtra  
**Research Assistant** August 2023-October 2023

- Leveraged Machine Learning to predict traffic matrices on Telecom dataset - Abilene, GANT and compared models LSTM, GRU give better results

**Avaya Pune, Maharashtra, India Internship** Maharashtra, India  
**Intern** January 2023-July 2023

- Interned and contributed to a Customer Contact Centre cloud-based solution by Avaya. In role, focused on utilizing Typescript and Node.js to enhance system's functionality
- Responsibilities involved writing comprehensive test cases and testing for potential bugs and vulnerabilities, with a specific emphasis on social media integration

**Spardha** Pune, Maharashtra  
**Intern** June 2021-September 2021

- Developed prototype for front-end part of website and designed database for website—Music Grading module

## ACADEMIC PROJECTS

**SRM** Chennai, Tamil Nadu  
**Customer Churn Analysis** August 2022-December 2022

- Predicted Churn rate of telecom companies customers leveraging Neural Networks and designing a dashboard of most important features with tableau
- Proposed idea of SMOTE-ENN, nearest neighbor based algorithm analyzing different strategies for feature engineering for resampling of data set

**Data Science Community, SRM** Chennai, Tamil Nadu  
**Optical Character Recognition Team Lead** January 2021-March 2021

- Led a team of 4 to build an application for Recognition of characters in structured and unstructured form using py tesseract and CNN and openCV for image preprocessing and implementing it on Streamlit.io
- Developed the Recognition of Structured images of dataset making bounding boxes using CNN and py tesseract and extracting text in a text file

## CO-CURRICULAR ACTIVITIES

- Took part in in Data-thon organized by Delhi Technological University—Forecasting weather by deploying Arima model, Oct 2021
- Created a prototype for an e-governance app, DTU Ideathon, Sep 2021
- Pursued Deep-Learning Specialization Certification by DeepLearning.AI on Coursera 07/2021 - 07/2021
- Pursued The Course on Nptel Introduction To Machine-Learning , IIT Madras 10/2021 - 10/2021
- Customer Prediction using Neural Networks and SMOTE-ENN for Data Sampling AISP'23:3rd International Conference on Artificial Intelligence and Signal Processing