

SUMEET GURUSANGAPPA DUDDAGI

1026 W. 24th Street Los Angeles, CA 90007 • 213-557-8811 • duddagi@usc.edu • linkedin.com/in/sumeet-duddagi91850a117 • https://github.com/Sumeet779

EDUCATION

University of Southern California, Marshall School of Business – Los Angeles, CA **May 2023**

Master of Science in Business Analytics (STEM) - Merit Based Scholarship

Relevant Coursework: SQL, No SQL Databases in Big Data, Data Visualization, Simulation and Advanced Optimizations, Data Driven Decision making, Applied Modern Machine Learning methods, Fraud Analytics, Marketing Analytics, NLP.

MS Ramaiah Institute of Technology – Bengaluru, India

CGPA: 9.26 / 10

Bachelor of Mechanical Engineering

August 2014 - May 2018

Relevant coursework: Artificial Intelligence, Linear Algebra, Matrix, Probability & Statistics, Calculus and Differential equations, Operations research, Robotics, C Programming.

Scored and secured a scholarship for scoring 100/100 in mathematics, chemistry, physics as well as rank in Karnataka CET (**Engineering** rank = 710, **Medical** rank = 1239, out of approx. 145,000 students) during 12th grade.

SKILLS, INTERESTS AND CERTIFICATIONS

- Programming Languages: SQL, Python, NoSQL, R, Web Scraping, VBA, MATLAB.
- Modeling: Supervised learning methods (linear regression, logistic regression, lasso, decision trees, random forests, svm), unsupervised learning methods (kmeans, hierarchical clustering), Anomaly detection.
- AI/ML: Pandas, NumPy, Gurobi, sklearn, Scikit-learn, Keras, TensorFlow, Clustering & Forecasting.
- Analytics: (A/B, chi-square & Anova tests), Probabilistic Sampling, Data Warehousing, Simulation modeling, Math modeling, Optimization, Google Analytics, Natural language processing.
- Data Visualization: Tableau, Power BI, Matplotlib, Seaborn, Dash, Plotly.
- Certifications: Data analysis in spreadsheets, Machine learning.
- Language: Kannada (native), English, and Hindi.
- Interests: **Piano** (Checkout Instagram page @piano_by_sumeet), sports, **Crypto, NFT..**
- Leadership: Been a house and cricket captain (won inter-school championship) in Prerana Public School. Team Leader of NSS (National Service Scheme), event organizer for SME (Society of Mechanical Engineers).

RELATED PROJECTS

- Solved a **complete fraud problem** (unsupervised machine learning) from scratch to identify people who underpaid tax by misrepresenting property characteristics in the city of New York.
- Built an **Interactive dashboard** for a Campaign data using python through Plotly and Dash packages by analyzing, visualizing and providing recommendations based on effects of various demographics on product sales.
- Processed and merged several data of LA crimes from official sources, ran regressions and chi-square tests, visualized using Python and Tableau, generated actionable insights on Los Angeles crimes (by zip code location).

WORK EXPERIENCE

Karnataka CNC Technology Pvt. Ltd. – Bengaluru, India

August 2019 – August 2020

Manager

- Projected production planning as well as trained workers for reporting periodic production target. Led trainees for production, safety, and drawing activities regularly for efficient produce of power generation and defense products.
- Coordinated with cross-functional teams in relocating working production plant and making plant layout in less than 6 months without disturbing the flow of materials in a production setup.
- Maintained, improved sales metrics by 15% through automating order acceptance process and reduced defects by 10%

Bosch Ltd., – Bengaluru, India

August 2018 – August 2019

Graduate Apprentice

- Quality Department: Assessed large datasets from lab reports, suppliers, operators, related departments and optimized Camshafts by reducing its defects by 6% using 8D problem solving method.
- Automotive: Accumulated and examined vast amount of data by continually conducting trials of modern pumps. Compared, tested and assembled new BS-6 pumps before releasing it into market for automobiles.
- Supply-chain and logistics: Co-ordinated for biggest relocation project in Bosch by involvement in invoice booking, liaising interns and forecasting product location monitoring through SAP software.

Bosch Ltd. – Intern, Bengaluru

July 2017 – August 2017

Toyota Tsusho Steel Pvt. Ltd. – Bidadi, Intern, Bengaluru

July 2016 – August 2016