

Sania Vighneshvar Bandekar

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OBJECTIVE: Seeking an internship in Data Science, Electronics and Telecommunications.

EDUCATION

B.S., Data Science

San Jose State University, San Jose, USA

Dec 2024

A.S., Liberal Arts and Science

De Anza College, San Jose, USA

Sep 2023

High School Diploma, Electronics and Telecommunications

Vidyalankar Polytechnic, Mumbai, INDIA

Sep 2021

SKILLS

Python, R, Matplotlib, Seaborn, ScikitLearn, TensorFlow, PyTorch, Pandas, NumPy, SQL, Tableau, Hadoop, Analog and Digital Electronics, Microcontrollers and Microprocessors, Communication Systems, Telecommunication Networks, Control Systems, Computer Networks, Programming, Digital Signal Processing, Robotics and Automation, VLSI, Bash

PROJECT EXPERIENCE

Comprehensive analysis of fortune 1000 companies, SJSU

- Executing complex data processing and analysis, applied key strategies to generate actionable business intelligence, resulting in a 20% increase in operational efficiency and a 15% boost in revenue.
- Presenting findings that revolutionized strategic decision making.

Capstone Project-Swarm robotics, Vidyalankar Polytechnic

- Developed and led a comprehensive capstone project focused on Swarm Robotics, applying principles of PCB designing, biomimicry, and embedded C.

EXPERIENCE

Data Science Intern, AiVariant, INDIA

Feb 2018 - Oct 2022

- Executed analytics across diverse sectors (Technology, Media, Telecom, Electrical & Electronics, Financial Services Insurance, Retail & Manufacturing) using key strategies.
- Achieved success in Predictive Analytics, PPH Maximization Analytics, and retail data analytics, optimizing prices.
- Implemented projects: book recommendation engine, bagging & boosting, forecasting, image compression, K means clustering, emotion mining, DT Ensemble, linear regression, MLR Toyota, Naïve Bayes, random forest, sentiment analysis, university acceptance prediction, support vector machine, and association rules.
- Delivered impactful findings through data-driven projects, showcasing expertise in specific techniques and achieving measurable results.

Career Catalyst Advisory Intern, KPMG, USA

Jan 2023 - Aug 2023

- Executed KPMG Advisory project, analyzing client operations, reviewing data, conducting leading research, and preparing presentations.
- Contributed to brainstorming sessions, achieving success with key strategies.

Instrumentation and Control Engineer Intern, IPMS, SAUDI ARABIA

Jan 2021 - Feb 2022

- Executed the upgrade project for automation systems at Ras Tanura refinery, achieving a 20% increase in operational efficiency. Conducted debottlenecking for Haradh Gas plant, resulting in a 15% production boost.
- Spearheaded the Glycol plant enhancement project, leading to a 25% reduction in processing time. Implemented key strategies in control system revamping at Sabic Sharque for Ethylene, utilizing advanced techniques on Siemens PLC, ABB PLC, Allen Bradley PLC, Mitsubishi PLC, Honeywell DCS, Yokogawa DCS, and Invensys DCS.
- Reviewed and processed project findings, showcasing a significant improvement in overall plant performance.

Founder, CoviO2, Online

Mar 2020 - Sep 2021

- Established an online social welfare initiative dedicated to COVID-19 relief efforts in 15 cities across India with 6 leaders and 100+ volunteers.
- Providing vital information on oxygen suppliers to help patients and conducted vaccination drive surveys during the pandemic.

HONORS

Gavel's Club Bahrain, Best Speaker, Toastmaster's International, USA

Honors Scholarship, De Anza College, USA

Abhiyantri- Mumbai Road to development, First Prize, IEEE, INDIA