

Anay A. Somani

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EDUCATION

University of Arizona

B.S. in Computer Science, Statistics & Data Science

Tucson, Arizona

Expected Graduation, May 2027

- **GPA:** 3.90/4.00, Dean's List
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Software Engineering, Probability & Statistical Inference, Data Mining & Predictive Modeling, Data Visualization & Communication, Machine Learning, Artificial Intelligence, Statistics and Applications

EXPERIENCE

Tech Launch Arizona

Data Team Lead

Tucson, Arizona

Jan 2024 – Present

- Used data analysis and visualization tools to create comprehensive reports, highlighting trends and suggesting improvements resulting in a 20% improvement in program effectiveness.
- Leading the development of an entrepreneurial-focused living learning community (LLC), fostering innovation, mentorship, and student-led programming.
- Conducted outreach and talked to 100+ students to enhance the entrepreneurial mindset and innovation ecosystem and consulted with students one-on-one to identify needs and direct them to valuable resources.

Samsonite

Data Science Intern

Maharashtra, India

June 2022 – Aug 2022

- Used 7+ years of sales data to identify key trends and opportunities, leading to targeted strategies that increased sales by 15% for Samsonite's suitcase products.
- Created and presented a product strategy report using Google Data Studio, using advanced data visualization to drive informed business decisions that improved market positioning.
- Delivered data-driven recommendations to stakeholders, resulting in the adoption of new sales strategies that boosted regional sales performance by 12%.

Clever Harvey

Project Manager

Maharashtra, India

May 2022 – June 2022

- Used business model canvas to formulate and evaluate a comprehensive business plan for a small, scalable startup concept.
- Strategized value propositions, and revenue streams while implementing cost reduction strategies and identifying unique differentiators, resulting in a 15% reduction in projected costs and a stronger competitive market position.
- Delivered elevator pitch to stakeholders, securing interest and feedback that helped refine the business model and attract early supporters.

PROJECTS

Falcon 9 Prediction - [Link](#) | Python, Machine Learning, API, Data Wrangling, Web Scrapping, Folium, Dash, Plotly

- Developed a machine learning pipeline model to predict the successful landing of SpaceX's Falcon 9 first stage using launch sites and locations.

Impact of Recession on Automobile Sales - [Link](#) | Python, Data Visualization, Data Manipulation, Dash, Plotly

- Analyzed historical trends for past 40+ years in automobile sales during recessions and created interactive dashboards and plotly dash app to visualize the impact on sales

Credit Card Fraud Detection & Taxi Tip Prediction – [Link](#) | Python, Snap ML, Scikit-Learn, Machine Learning

- Implemented Decision Tree and Support Vector Machine models using Scikit-Learn and Snap ML improving detection speed by 30% and accuracy up to 97%.

TSLA v/s GME Stock Analysis - [Link](#) | Python, Data Visualisation, Data Manipulation, Pandas, NumPy, Matplotlib, Plotly

- Analysed 10+ years of share prices and quarterly revenues of Tesla and GameStop using Python libraries and web scraping techniques to visualize patterns and trends

SKILLS

Programming Languages: Python, SQL, Java, HTML/CSS, R

Frameworks & Libraries: NumPy, Pandas, Matplotlib, SciKit-Learn, SeaBorn, Folium, Dash, Plotly

Databases & BI Tools: MySQL, Excel, Power BI, Tableau

Developer Tools: Git, GitHub, Jupyter Notebooks