

# ANOOP SINGH

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## EDUCATION

**Master of Science in Business Analytics**, Rady School of Management 06/2025  
University of California, San Diego, CA GPA: 3.9/4.0

- Relevant Courses: Unstructured Data, SQL and ETL, Collecting and Analyzing Large Data, Customer Analytics

**Bachelor of Science, Business Economics** 06/2024  
University of California, San Diego, CA GPA: 3.5/4.0

## EXPERIENCE

**Supply Chain Data Analyst**, Thermo Fisher Scientific, San Diego, CA 03/2025 - Present

- Spearheaded the development of a machine learning model in Databricks to predict supply chain risk, reducing inefficiencies in raw material procurement and enabling proactive decision-making.
- Engineered an end-to-end data pipeline that integrated five years of enterprise supply chain data into a centralized data lake, enhancing visibility and enabling predictive analytics for waste reduction.

**Project Manager**, Gawad Kalinga, Philippines 03/2024 - 06/2024

- Managed the implementation of a solar power generator in a rural community, integrating digital tools to monitor performance and ensure energy sustainability, achieving an 80% reduction in electricity costs.
- Conducted comprehensive market research and feasibility analysis for developing an enterprise to produce and distribute solar lanterns, enhancing economic self-sufficiency and resource optimization.

**Finance Intern**, Bonduelle Fresh Americas, Los Angeles, CA 06/2023 - 08/2023

- Created a Tableau-based data visualization and performance analysis tool, reducing promotional inefficiencies and saving \$15,000 annually.
- Designed a multiple linear regression model to predict financial costs, leveraging advanced analytics to optimize supply chain decisions and manage contracts, saving thousands of dollars quarterly.

**Business Development Intern**, OmniSync Inc, San Diego, CA 06/2022 - 08/2022

- Ensured 100% compliance for hundreds of early-stage startups during the submission process for SBIR/STTR grants, enabling clients to secure non-dilutive government funding.
- Automated customer engagement workflows using Python, improving client retention rates by 6 months and enhancing outreach strategies through data mining and insights derived from internal databases.

## PROJECTS

**Food Insecurity Tableau Dashboard**, Business Intelligence Systems, UCSD 09/2024 - 12/2024

- Built an interactive dashboard assessing food insecurity within over 84,000 U.S. census tracts; integrated geographic data visualization techniques to present complex information in an easily digestible format.
- Cleaned and processed over 1 million records using SQL and Tableau Prep Builder, delivering actionable insights for organizations prioritizing high-need areas.

**Anime Recommender System**, Web Mining and Recommender Systems, UCSD 09/2024 - 12/2024

- Constructed a recommender system for 7.8M user-anime interactions, integrating advanced analytics techniques to achieve a Root Mean Squared Error (RMSE) of 1.56, improving personalization for users.
- Conducted exploratory data analysis on datasets containing 12,000+ titles, ensuring high-quality inputs for model training and enhancing data-driven decision-making.

## PROFESSIONAL AFFILIATIONS & LEADERSHIP

**Teaching Assistant**, Customer Analytics, UCSD 09/2024 - Present

- Instructed 300+ students in customer segmentation and modeling techniques to enable data-driven decision-making.
- Trained students in R programming to build and evaluate statistical models addressing real-world analytics problems.

**VP of Internal Development**, Triton Consulting Group, UCSD 06/2023 - 06/2024

- Developed R-based customer segmentation model and marketing strategy, increasing local boutique revenue by 10%.
- Automated data governance processes using Python, reducing data cleaning time for startups from hours to minutes.

## SPECIALIZED SKILLS & INTERESTS

- Programming & Analytics:** Python, SQL, R, PySpark, Spark, ETL, A/B Testing, Tableau, Power BI, Excel
- Cloud & Big Data Tools:** AWS (EMR, SageMaker), Azure, Hadoop, Snowflake, Databricks, GitHub, CRM
- Interests:** Pickleball, Snowboarding, Hiking, Weightlifting, Board Games, Baking, Machine Learning, Big Data