
EDUCATION

- Master of Science in Business Analytics**, Rady School of Management 12/2025
University of California, San Diego, CA GPA: 3.8/4.0
- Rady Incoming Scholarship MSBA
- Bachelor of Science in Business Data Analytics**, W.P. Carey 08/2024
Arizona State University, Tempe, Arizona, United States GPA: 4.0/4.0(Summa Cum Laude)
- New American University – Transfer University Award (Scholarship), Dean's List for 5 semesters

EXPERIENCE

- Venture Fellow – Channel Robotics**, University of California San Diego 03/2025 - Present
- Perform data-driven market analyses (TAM, SAM, SOM) for GI endoscopic applications, identifying high-density clusters of GI specialists across U.S. hospitals, rural clinics, and surgical centers to inform targeted resource allocation
 - Work with CTO (Professor Michael Yip) and a practicing physician to turn market-wide facility data into a sourcing roadmap that targets the highest value GI hubs for endoscopic devices
- Data Engineer (Capstone Project), SDVerse**, San Diego, CA 03/2025 - Present
- Develop an AI-powered pipeline that extracts key information from diverse product specification documents and automatically populates CSV templates, utilizing prompt engineering and LLM to improve data quality and minimize manual effort
 - Analyze existing product listings to identify information gaps, creating a mapping of 100+ key attributes to enhance completeness and consistency across the marketplace
 - Serve as team organizer for a group of four, coordinating tasks, managing client communication, and ensuring timely project execution and deliverables
- SQL Index Assignment Development**, W.P. Carey 08/2023 - 04/2024
- Collaborated with Professor Kumar Sirugudi to design an advanced SQL indexing assignment for a database course, delivering a teaching resource now adopted by subsequent course instructors
 - Scaled the dataset from a small prototype to over 1 million records, validating data integrity and distribution via exploratory data analysis in Power BI to ensure minimal skew and confirm proper relational structures
 - Achieved a 40% reduction in query execution times through advanced indexing strategies
- Finance Intern**, Light Prism, Tempe, AZ 09/2022 - 03/2023
- Conducted comprehensive market research on over 10 VR and gaming industry business models; collaborated with the marketing team to develop customer profiles, successfully identifying three potential target markets for the VR educational product
 - Co-developed detailed financial models and revenue projections in Excel for the upcoming VR educational project
 - Researched and evaluated banking options for startups; facilitated the setup of business accounts and acquisition of credit cards, improving financial management efficiency in the startup environment

PROJECTS

- ETL Development with Snowflake and Python**, SQL/ETL, Rady School of Management 08/2024
- Teamed up with four, processed and integrated over 50K+ data entries from multiple sources into Snowflake
 - Reduced manual data loading time by automating the ETL pipeline, improving efficiency in data extraction, transformation, and loading
- Airbnb Listing Analysis**, Enterprise Analytics, W.P. Carey 07/2024 – 08/2024
- Conducted exploratory data analysis using visualization to uncover trends utilizing Power BI that drive successful listing using 11K+ datasets
 - Developed and implemented machine learning models (Random Forest, Linear Regression) to identify key factors influencing review scores, improving prediction accuracy with a Mean Squared Error (MSE) reduction of 40%

SPECIALIZED SKILLS

- **Computer Skills:** SSMS (SQL Server Management Service), MySQL, Python, Tableau, Power BI
- **Technical Skills:** Microsoft Office Suite (Word, Excel, PowerPoint), Windows, Mac, Linux/Unix
- **Soft-Skills:** Communication, Project Management, Teamwork, Leadership, perseverance

PROFESSIONAL AFFILIATIONS & LEADERSHIP

- Treasurer: Computer Vision Club at ASU, Arizona State University 08/2022 – 08/2023
- Volunteer: Feed My Starving Children, Circle K International, Manager/Translator in Hyundai Mobis CES 2023, 2024
- Project Manager: CIS235 class project 01/2023 – 05/2022