ALEX OGUCHI https://www.linkedin.com/in/alex-oguchi-06369520a/
Los Angeles, CA (551) 202-9846 alexoguchi@gmail.com

EDUCATION

***Master of Science in Business Analytics*,** Rady School of Management
University of California, San Diego, CA
GPA: 3.9 / 4.00

- Relevant Courses: Business Intelligence, Customer Analytics, Machine Learning Algorithms, Deep Learning for Business

Bachelor of Science, Business Economics | Bachelor of Arts, International Business | Minor in Data Science
University of California, San Diego, CA

SKILLS

- **Languages/Coding:** Python, R, SQL, Excel
- **Tools:** Tableau, PowerBI, Git, Github, Pandas, NumPy, SciPy, Statsmodels, Scikit-Learn, PyTorch, Matplotlib, Shiny
- **GitHub/Portfolio:** https://github.com/raoguchi/ | https://raoguchi.github.io/alexoguchi.github.io/
- **Spoken Languages:** Japanese

EXPERIENCE

***Data Analyst*,** Ultima Supply, Torrance, CA 07/2022 - Present

- Developed **SQL**-driven fulfillment and quality tracking systems to identify defects and reduce refund-related issues, cutting fulfillment errors by 30% and improving on-time delivery reliability
- Designed and executed operational pilot experiments to analyze fulfillment quality drivers and optimize inventory operations, informing inventory and logistics strategies that enhanced reliability and drove 4x sales growth and 15% revenue lift
- Partnered with cross-functional teams in Marketing, Sales, and Operations to implement an AI-driven automation platform (**GCP**) that enhanced sales strategy and customer reach, boosting impressions by 250% and CTR by 20%
- Led data-driven pricing and selection optimization for 4,000+ SKUs using **SQL** and **Python** to align market demand signals, analyze refund data, and maintain a 99% customer satisfaction rate

***Operations Coordinator*,** UCSD Housing Dining Hospitality, San Diego, CA 05/2023 - 06/2024

- Built data-backed labor allocation frameworks aligned with demand variability, reducing staffing mismatches by 40% and achieving weekly labor cost savings by 5%
- Defined and tracked service quality KPIs, improving operational consistency and increasing service quality by 25% through data-informed SOP redesigns
- Collaborated across culinary and administrative teams to ensure seamless transitions during major operational shifts, contributing to 120% revenue growth

***IT Analytics Intern*,** Japanese Travel Bureau USA, Torrance, CA 07/2022 - 08/2022

- Conducted customer segmentation and campaign analytics in **Excel** and Meta Insights Dashboards, driving 25% higher engagement through targeted communication strategies
- Streamlined post-acquisition team onboarding by documenting integration workflows, closing process gaps and reducing onboarding time by 25%
- Produced BI reports and presentations highlighting macroeconomic and ESG insights to support cross-departmental strategic planning

PROJECTS

LLM-Powered Workflow Automation for Recruitment, MGTA 495, Rady School of Management 03/2025 - 06/2025

- Engineered a Python + LLM-based workflow automation platform (**Python**, **LLaMA**, **Gemini**, **Docker**, **Calendly REST APIs)** that eliminated 60% of manual screening and streamlined operational decision-making
- Developed interactive **Shiny** dashboards and **Tool Calling** workflows to support cross-functional decision making across 10+ candidate touchpoints, improving recruiter accuracy and reducing manual workload by over 30%

Model Efficiency Optimization Through Prototype Selection, MGTA 415, Rady School of Management 01/2025 - 03/2025

- Reduced training set size by 50% on MNIST-family datasets using statistical sampling methods (K-Means, random sampling), maintaining over 90% accuracy while boosting model training efficiency and scalability in **PyTorch**

ETL Pipeline Design & Sales Database Engineering, MGTA 464, Rady School of Management 08/2024

- Enabled real-time performance tracking by deploying a modular ETL pipeline that transformed raw sales data into a Snowflake cloud warehouse with materialized views and audit-ready reporting layers
- Delivered automated reporting on KPIs, cohorts, and trends for Finance and Operations by crafting advanced **SQL** queries using **CTEs**, **window functions**, and **subqueries** across 5,000+ data points