KYLE BIAGAN

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PROFILE

UCLA graduate with a B.S. in Statistics and Data Science, proficient in Python, R, SQL, Java, C++, Tableau, and Git/GitHub. Experienced in data analysis, visualization, and process optimization, with proven results from an internship at Boeing. Seeking to apply technical and collaborative skills in data-driven projects.

PROFESSIONAL EXPERIENCE

The Arbor Dental Group   Irvine, CA
Administrative Data Entry Assistant   July 2023 – September 2023
- Alphabetized physical patient files and cross-checked electronic records for data accuracy while keeping physical files organized for efficient future access.
- Entered updated data into the office database for completeness and transitioned to reliance on electronic records.

Boeing   Tukwila, WA (Remote from Irvine, CA)
Estimating and Pricing Analyst Intern   June 2022 – August 2022
- Analyzed proposal requirements and developed compliant cost estimates through data transformation, ensuring adherence to Federal Acquisition Regulations (FAR) and supporting informed decision-making.
- Collaborated with cross-functional teams—Estimating, Pricing, Procurement, and Supply Chain—to optimize cost estimation methods, streamline proposal workflows, and facilitate strategic fact-finding and negotiation processes.
- <u>Production Bill of Materials (PBOM) Transmittal Optimization:</u> Collaborated with Boeing's BDS P-8A Estimating and Pricing team and cross-functional teams to optimize Material Estimate documentation by identifying and eliminating process redundancies, enhancing efficiency by 20%.

UCSB Men's Soccer   Santa Barbara, CA (Hybrid)
Marketing and Public Relations Intern   October 2021 – June 2022
- Coordinated community outreach initiatives and developed strategic marketing plans to enhance attendance and support for UCSB Men's Soccer home games.
- Captured and shared photographs of UCSB Men's Soccer facilities, home games, and team-exclusive events, enhancing marketing materials and elevating the digital presence of UCSB Men's Soccer.
- <u>Website Development for Recruitment:</u> Partnered with UCSB Men's Soccer team's Associate Head Coach to design, photograph, and maintain content for the official "Gaucho Recruiting Zone" website to attract and inform prospective student-athletes, leveraging HTML.

EDUCATION

University of California, Irvine (UCI) – Paul Merage School of Business   Irvine, CA
MS in Business Analytics (MSBA)   *Expected June 2025 – June 2026*
Recipient of $15,000 in scholarships, including the Merage Scholarship and California Resident Scholarship

University of California, Los Angeles (UCLA)   Los Angeles, CA
BS in Statistics and Data Science   September 2022 – June 2024
<u>Coursework:</u> Intro to Programming, Intro to Data Science, Python and Other Technologies for Data Science, Intro to Probability, Intro to Mathematical Statistics, Linear Models, Intro to Data Analysis and Regression, Intro to Design and Analysis of Experiment, Intro to Statistical Models and Data Mining, Intro to Computation and Optimization for Statistics, Intro to Monte Carlo Methods, Practice of Statistical Consulting, Intro to Data-Driven Mathematical Modeling
<u>Extracurriculars:</u> Fellowship of Catholic University Students (FOCUS), Samahang Pilipino (SP) Pilipinx/Pilipinx American Community Organization

University of California, Santa Barbara (UCSB)   Santa Barbara, CA
Financial Mathematics and Statistics (BS Not Completed, Transferred to UCLA)   October 2020 – June 2022
<u>Coursework:</u> Intro to Computer Science, Principles of Data Science with R, Principles of Microeconomics, Principles of Macroeconomics, Financial Accounting, Intermediate Microeconomic Theory, Calculus with Applications, Linear Algebra, Differential Equations, Vector Calculus with Applications
<u>Achievements:</u> L&S Dean's Honors (Fall 2020, Winter 2021, Winter 2022), National Society of Collegiate Scholars (NSCS) Nomination (Winter 2021), National Society of Leadership and Success (NSLS) Nomination (Winter 2021)
<u>Extracurriculars:</u> Data Analysis and Coding Club (DAnC), Data Science Club, Fellowship of Catholic University Students (FOCUS), Kapatirang Pilipino (KP) Filipinx-Interest Organization

SKILLS

Technical: Python (pandas, NumPy, Matplotlib, Scikit-learn), R (tidyverse, ggplot2, dplyr, tidyr, lubridate, caret, glmnet, randomForest, RSQLite, knitr, mvtnorm), SQL, Java, C++, Tableau, Git/GitHub, Jupyter Notebook, RStudio, Visual Studio, Eclipse, Xcode, Microsoft Excel (Pivot Tables, VLOOKUP, HLOOKUP, INDEX-MATCH)

Data: Data (Cleaning, Mining, Transformation, Visualization, Warehousing), Modeling (Financial, Mathematical, Statistical, Forecast), Exploratory Data Analysis (EDA), Machine Learning, Model Validation, Statistical Consulting

Interpersonal: Communication, Cross-Functional Collaboration, Leadership, Adaptability, Time Management, Project Management, Problem-Solving, Critical Thinking, Decision-Making, Detail Orientation, Multitasking, Creativity

VOLUNTEER EXPERIENCE

St. Elizabeth Ann Seton Catholic Church   Irvine, CA
Altar Server and Food Bank Volunteer   January 2016 – Present
- Collaborate with a ministry team to altar serve during Mass and coordinate food distribution from Second Harvest Food Bank, providing support to underprivileged families in Orange County and promoting community welfare.

St. John Neumann Catholic Church   Irvine, CA
Usher, Altar Server, and Fundraiser   January 2016 – Present
- Collaborate with a ministry team to usher and altar serve during Mass, creating a welcoming environment for parishioners, and participate in fundraising events to support children with disabilities in the local community.