

KYLE BIAGAN

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PROFILE

UCLA graduate with a B.S. in Statistics and Data Science, strongly proficient in C++, Java, Python, R, SQL, and Tableau. Experienced in data analysis, visualization, and project collaboration during an internship at Boeing, where I optimized cost estimation methodologies and enhanced decision-making processes. Eager to leverage my skills in a company focused on data-driven projects.

EDUCATION

University of California, Los Angeles (UCLA)

Los Angeles, CA

BS in Statistics and Data Science

September 2022 – June 2024

Relevant Coursework: COMPTNG 10A - Intro to Programming, DGT HUM 101 - Intro to Digital Humanities, MATH 42 - Intro to Data-Driven Mathematical Modeling: Life, Universe, and Everything, MATH 115A - Linear Algebra, MATH 131A - Analysis, STATS 15 - Intro to Data Science, STATS 21 - Python and Other Technologies for Data Science, STATS 100A - Intro to Probability, STATS 100B - Intro to Mathematical Statistics, STATS 100C - Linear Models, STATS 101A - Intro to Data Analysis and Regression, STATS 101B - Intro to Design and Analysis of Experiment, STATS 101C - Intro to Statistical Models and Data Mining, STATS 102A - Intro to Computational Statistics, STATS 102B - Intro to Computation and Optimization for Statistics, STATS 102C - Intro to Monte Carlo Methods, STATS 140XP/141XP - Practice of Statistical Consulting

Extracurriculars: Fellowship of Catholic University Students (FOCUS) UCLA, Samahang Pilipino (SP) Pilipinx/Pilipinx American Organization

University of California, Santa Barbara (UCSB)

Santa Barbara, CA

BS in Financial Mathematics and Statistics (Partially Completed, Transferred to UCLA)

October 2020 – June 2022

Relevant Coursework: CMPSC 8 - Intro to Computer Science, ECON 1 - Principles of Microeconomics, ECON 2 - Principles of Macroeconomics, ECON 3A/B - Financial Accounting, ECON 10A - Intermediate Microeconomic Theory, MATH 3A/B - Calculus with Applications, MATH 4A - Linear Algebra, MATH 4B - Differential Equations, MATH 6A/B - Vector Calculus with Applications, MATH 8 - Transition to Higher Mathematics, PSTAT 10 - Principles of Data Science with R

Achievements: College of Letters and Science 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)

Extracurriculars: Data Analysis and Coding Club (DANc), Data Science Club, Fellowship of Catholic University Students (FOCUS) UCSB, Kapatirang Pilipino (KP) Filipinx-Interest Organization

PROFESSIONAL EXPERIENCE

The Boeing Company

Tukwila, WA (Remote from Irvine, CA)

Estimating and Pricing Analyst Intern

June 2022 – August 2022

- Conducted data analysis of proposal requirements and developed actionable plans for compliant cost proposals, ensuring adherence to Federal Acquisition Regulations (FAR).
- Coordinated with cross functional teams such as Estimating, Pricing, Procurement, Contracts, and Supply Chain to optimize methodologies for cost estimation and enhance proposal development workflows, applying process improvement techniques.
- Facilitated fact-finding and strategic negotiations, providing data transformation support that improved the accuracy of cost estimates and enhanced decision-making processes.

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 high-quality photographs of UCSB Men's Soccer facilities, home games, and team-exclusive events, enhancing marketing materials and elevating the digital presence of the UCSB Men's Soccer program.

PROJECTS

The Boeing Company

Tukwila, WA (Remote from Irvine, CA)

PBOM Transmittal Memo

June 2022 – August 2022

- Collaborated with Kevin C. (KC) Callahan and Van Ho from Boeing's BDS P-8A Estimating and Pricing team to optimize Material Estimate documentation by identifying and eliminating process redundancies, enhancing efficiency and accuracy.

UCSB Men's Soccer

Santa Barbara, CA (Hybrid)

Gacho Recruiting Zone Website

October 2021 – June 2022

- Partnered with Greg Wilson, Associate Head Coach of the UCSB Men's Soccer team, to design and photograph content for the rebranded "Gacho Recruiting Zone," enhancing the official recruiting website to attract and inform prospective student-athletes.

SKILLS

Technical: C++, Java, Python, R, SQL, Tableau, Git/GitHub, Jupyter Notebook, PyCharm, Visual Studio, Xcode, Adobe Acrobat, Google Workspace (Colab, Docs, Sheets, Slides), Microsoft Office (Excel, PowerPoint, Word)

Data: Data (Analysis, Cleaning, Mining, Transformation, Visualization, Warehousing), Experiment Design and Analysis, Machine Learning, Model Validation, Modeling (Financial, Mathematical, Predictive, Statistical), Predictive Analysis, Statistical Consulting

Interpersonal: Adaptability, Critical Thinking, Detail Orientation, Effective Communication, Leadership, Multitasking, Organizational Efficiency, Problem-Solving, Self-Motivation, Team Collaboration, Time Management