

# KYLE BIAGAN

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## PROFILE

UCLA graduate with a B.S. in Statistics and Data Science, strongly proficient in Python, R, SQL, Java, C++, 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

Coursework: 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 Computational Statistics, Intro to Computation and Optimization for Statistics, Intro to Monte Carlo Methods, Practice of Statistical Consulting, Intro to Data-Driven Mathematical Modeling, Linear Algebra, Analysis

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

### University of California, Santa Barbara (UCSB)

Santa Barbara, CA

*BS in Financial Mathematics and Statistics (Not Completed, Transferred to UCLA)*

October 2020 – June 2022

Coursework: 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

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), Kapatirang Pilipino (KP) Filipinx-Interest Organization

## PROFESSIONAL EXPERIENCE

### The Arbor Dental Group

Irvine, CA

*Administrative Data Entry Assistant*

July 2023 – September 2023

- Alphabetized physical patient files, cross-checked electronic records for accuracy, entered updated data into office database for completeness, and transitioned to reliance on electronic records while keeping physical files organized for efficient future access.

### 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—including Estimating, Pricing, Procurement, and Supply Chain—to optimize cost estimation methodologies, streamline proposal workflows, and facilitate strategic fact-finding and negotiation 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 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.

## PROJECTS

### Boeing

Tukwila, WA (Remote from Irvine, CA)

*PBOM Transmittal Memo*

June 2022 – August 2022

- Collaborated with 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)

*Gaucha Recruiting Zone Website*

October 2021 – June 2022

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

## VOLUNTEER EXPERIENCE

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### **St. Elizabeth Ann Seton Catholic Church**

Irvine, CA

*Altar Server and Food Bank Volunteer*

January 2016 – Present

- Collaborate with a church ministry team to altar serve during Mass and deliver food from Second Harvest Food Bank of Orange County to underprivileged families in need.

### **St. John Neumann Catholic Church**

Irvine, CA

*Usher, Altar Server, and Fundraiser*

January 2016 – Present

- Collaborate with a church ministry team to usher and altar serve during Mass, fostering a welcoming atmosphere for parishioners while supporting fundraising efforts for local children with disabilities.

## SKILLS

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

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

**Collaboration:** Communication, Team and Cross-Functional Collaboration, Leadership, Adaptability, Time Management, Project Management, Active Listening, Efficient Organization, Multitasking

**Analysis:** Problem-Solving, Critical Thinking, Decision-Making, Detail Orientation, Creativity