Brian Mualim

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EDUCATION

University of California, Los Angeles (UCLA)   Expected June 2025
Bachelor's Degree in *Statistics and Data Science*   **GPA:** 3.77
- **Relevant Coursework**: Computational Statistics, Optimization for Statistics using R, Probability, Linear Models, Design and Analysis of Experiment, Linear Algebra

Santa Monica College (SMC)   December 2021 - June 2023
Associates Degree in *Computer Science*   **GPA**: 3.90
- **Relevant Coursework:** Introduction to Python, Calculus, Introduction to Statistics, Data Structures and Algorithms

WORK EXPERIENCE

Data and Analytics Intern   July 2024 - September 2024
Ernst and Young, Jakarta, Indonesia
- Assigned to a large-scale project with approximately 100 people on the team, which aimed to design and integrate a mobile application into the client's existing systems
- Engineered data pipelines to abide by *UU No.27 Tahun 2022,* a newly passed law within Indonesia which provides guidelines on Data Privacy and Protection of customers
- Conducted a competitive analysis on competitors' mobile apps to identify development opportunities and marketing timeline
- Prepared presentations slides to convey process flow and visual aids to support ideation of team's recommendation

Data Analyst Intern   July 2023 - August 2023
Henan Putihrai Asset Management, Jakarta, Indonesia
- Increased efficiency of web scraping programs by 50%, which cleaned and collected stocks data of other mutual funds within Indonesia for the investment team's use
- Designed an interactive dashboard which compared potential candidates qualifications to existing employees using PowerBI

Math Tutor   March 2022 - June 2023
Mathlab, Santa Monica College, Santa Monica, California
- Conducted one on one sessions with approximately 120 different students for 20 hours a week both virtually and in-person
- Guided students with various mathematical concepts in which they require additional support
- Created detailed lesson notes and explanations for students to refer to after each class

PERSONAL PROJECTS

Quantitative Stocks Research   August 2023 - Present
- Collected and analyzed historical stock data ranging from 2001 to 2022 through the use of Python
- Implemented a web scraping system to enhance the opportunity for personal investment
- Developed various algorithms on automating stock recommendations through the use of selected technical indicators
- Created a portfolio pricing and sizing model to determine entry and exit points within select stocks

EXTRACURRICULARS

Data Journalist   August 2023 - Present
Bruin Sports Analytics, UCLA, California
- Authored 3 basketball-related articles to be read by sports fans, with one article resulting in 3000+ reads
- Conducted and analyzed historical basketball data and created visual aid to support storytelling
- Implemented concepts such as linear regression, normalization, and weight assignment within analysis

Vice President   February 2022 - June 2022
Computer Science Club, Santa Monica College, Santa Monica, California
- Elected to participate in a team of 7 executive boards to lead 20 club members for weekly meetings
- Conducted various coding and informative workshops for professional development
- Invited experienced guest speakers from the Snapchat and Boeing to give their insights on entering the workforce

SKILLS

Computer Programming: SQL, Python (Pandas, Matplotlib, Selenium), R
Software: PowerBI, Tableau, Spyder, RStudio, Jupyter Notebook, Github Copilot, Visual Studio