FAITH H SATRYA

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Bachelor of Science, Statistics and Data Science   **Expected June 2025**

- GPA: 3.xx
- Relevant coursework Statistical Models for Finance, Practice of Statistical Consulting (IP), Linear Models, Introduction to Data Analysis Regression, Introduction to Computation and Optimisation for Statistics

SAN DIEGO MESA COLLEGE

Associates Degree of Arts, Mathematics and Pre-Engineering – Computer Science   **June 2023**

- GPA: 3.xx, Graduated with High Honors
- Relevant coursework: Introduction to Java Programming, Introduction to C++ Programming, Calculus and Analytic Geometry, Linear Algebra, Differential Equations, Elementary Statistics

RELEVANT PROJECTS/EXPERIENCE

Kaggle Competition, UCLA

- Create numerous predictive models using Random Forest and XGBoost in R with a 99.8% greatest testing accuracy
- Utilised missForest library in R to impute missing values in a dataset with 42,686 observations

ASA DataFest, UCLA   *Best visualisation award*

- Investigated and analysed multiple complex datasets with over 2,000,000 observations to train a predictive model during a 48-hour event, resulting in a final testing accuracy of 97%
- Collaborated with team members in applying variable and model selection techniques, increasing efficiency

Department of Behavioral Sciences, San Diego Mesa College

Honors Project

- Analysed data collected from a sample of over 400 participants using SPSS, highlighting gender differences in anxiety associated with alcohol consumption

Author, Literature Review

- Reviewed gender differences in alcohol consumption and distress symptoms, gaining a better understanding of distress symptoms that accompany alcohol use disorder to better inform effective treatment methods

WORK EXPERIENCE

Self-employed Tennis Instructor, San Diego & Los Angeles, California   **August 2021 – present**

- Provided private and group lessons, developing personalised lesson plans to enhance skill development.

University City Racquet Club, San Diego, California   **August 2022 – June 2023**

Administration and Tennis Instructor

- Facilitated junior and adult clinics, contributing to community physical and social engagement
- Manage membership, clinic, and court payments, accounting for 70% of the facility's revenue

CLUBS AND ORGANISATIONS

Bruin Sport Analytics – Tennis Consulting   **April 2024 –**

- Lead team responsible for creating data which represented shot type and placement for each point played to be summarised and presented in various visualisations
- Arranged reports with analysed data and its visualisations to present to UCLA Division I tennis athletes, allowing for greater personal improvement and success in matches

Bruin Sport Analytics – Data Journalism   **September 2024 –**

- Analysed and clean data to form visualisations to be presented in a published informative article focused on sports
- Worked efficiently in a team with different roles and tasks to complete final assignment in a timely manner

SKILLS AND INTERESTS

- Proficient in Microsoft Office 365 (Word, Excel, PowerPoint)
- Programming languages: R, Java, C++, Python
- Fluent in English and Indonesian, minor in Mandarin Chinese and German
- Sudoku, cooking, Lego

HONORS AND AWARDS

- Harry West Scholarship (2023) – honoured for high academic performance amid competing as a student-athlete.
- Dean's Honor List (2021, 2022, 2023) – recognised for maintaining full-time enrolment with a GPA above 3.5.
- ITA Scholar Athlete (2022, 2023) – thrived academically, maintaining a GPA above 3.5 while balancing athletics.