

Raghav Arora

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LinkedIn Profile | GitHub Page

EDUCATION

California Polytechnic State University, San Luis Obispo, CA

Graduation Date: June 2023

Master of Science: Business Analytics

Bachelor of Science: Business Administration | Financial Management | Economics

Dean's List, Accounting Excellence, Diversity and Inclusivity Chair, Bilingual (Hindi)

WORK EXPERIENCE

Netflix – San Luis Obispo, CA (Remote)

Apr 2023 – July 2023

Data Science Intern | Provided data-driven solutions for Netflix's emerging gaming service.

- Conducted market research on the mobile gaming industry and Netflix's viewer history
- Devised a pricing strategy for Netflix's gaming service with regards to in-app monetization
- Built predictive models to categorize Netflix users into gamers or not

Robert Kennedy Library – San Luis Obispo, CA

Sept 2022 – July 2023

Data Analyst | Managed Cal Poly's writing and learning center's athletic student database.

- Utilized R and advance MS Excel techniques to clean and wrangle large datasets for processing with regards to payroll and attendance
- Optimized client record management to generate weekly ad hoc reports to present attendance insights

Engie North America Inc. – San Luis Obispo, CA

Jan 2023 – Apr 2023

Data Science Intern | Modeled Engie's power flow of the grid related to MISO regions.

- Built models to predict capacity factors at different locations on the energy grid using R
- Created visualizations of energy generation across different power plants using Tableau and ggplot2
- Analyzed how proposed future projects would impact the energy grid in order relieve congestion

Bankers Life – Long Beach, CA

Sept 2021 – June 2022

Financial Sales Analyst | Assisted senior clients with four factors affecting assets: retirement income, health expenses, extended care and final expenses.

- Utilized investment analytics and portfolio management to provide clients with the best mix of assets
- Evaluated company CRM with regards to Hearsay, Facebook & YouTube ads, Direct Mail and Cold Calling to provide marketing insights

BakBone Inc. – San Luis Obispo, CA

June 2019 – July 2020

Accounts Analyst Intern | Analyzed several business accounts including financing, accounting, assembly, packaging and shipping of BakBone product.

- Used QuickBooks to better record incoming purchase orders, verify budget and realize productions costs
- Processed and invoiced four different purchase orders including the sale of over 300 BakBone products, realizing an income of \$8,985

ANALYTICS PROJECTS

Kaggle – Classification Modeling

Oct 2022 – Dec 2022

Conducted predictive classification modelling and performance evaluation for several models used to predict the political affiliation (target variable) of random U.S citizens.

- Administered EDA using Tidyverse and ggplot2 in R Studio to discover the best predictors of political affiliation with regards to correlation on the training dataset
- Built, trained, tuned and tested classification models including logistic, KNN, random forests, LDA, QDA and SVM, to best predict the political affiliation of a random U.S citizen in terms of accuracy
- Achieved an accuracy of 65.08 % using a tuned LDA model on the validation dataset (top 5% in the world)

Writing & Learning Center – Database Management

Sept 2022 – Dec 2022

Created a SQL database for the Writing and Learning center at the California Polytechnic State University in San Luis Obispo to better manage their tutoring system.

- Defined business rules and cardinality in order to design a normalized Enhanced Entity-Relationship (EER) diagram, which was further used to create a logical design for the SQL database
- Populated and integrated the SQL database for the center's tutoring system in order to better query records for analysis and attendance insights using MYSQL

LEADERSHIP & INVOLVEMENT

Nu Alpha Chapter of Kappa Sigma – Diversity & Inclusivity Chair

Jan 2018 – July 2020

Provide oversight in the development and review of guidelines that pertain to the Interfraternity Council and ensure professional development of the Kappa Sigma fraternity.

- Hosted and attended two workshops each quarter to raise awareness about the necessity of diversity & inclusivity at Cal Poly
- Collaborated with organizations in the PHA, IFC and USFC council to create a comprehensive set of diversity and inclusivity guidelines for Cal Poly and all its members

Nu Alpha Chapter of Kappa Sigma – Philanthropy Lead

Sept 2018 – June 2019

Organized and hosted: The 4th annual Bootcamp, the 1st Dodgeball Tournament and the 2nd annual 'Be the Match' Woodstock's fundraiser.

- Raised over \$4200 for the military heroes' campaign and over \$800 for 'Be the Match' bone marrow donor program
- Recorded the highest overall attendance in Nu Alpha chapter history with over 700 total visitors

LICENSES & CERTIFICATES

Amazon – AWS Cloud Foundations

Feb 2023 – Present

IBM – Data Science Professional Certificate

Sep 2022 – Present

Ellianse – Business Analyst 1

Jan 2022 – Present

California Polytechnic State University – Accounting Excellence

April 2018 – Present

RELEVANT SKILLS

Technical: MS Office & Excel, R & R Studio, Python, SQL, Tableau, Power BI, AWS, Git/GitHub, TensorFlow, PyTorch

Knowledge: Regression & Classification, Data Mining, Predictive Analysis, Optimization, Machine Learning, Forecasting