Wajahat Khan

Bay Area, CA • 510.309.7334 • wajakhan@berkeley.edu • Project Portfolio • LinkedIn: Wajahat Khan

Data Scientist

Pressure-resistant data science strategist leaning into curating a more prosperous and sustainable world through technology. Employing a 'roll-up-my-sleeves' work ethic to challenge inefficiencies, apply data manipulations with logic, and collaborate with diverse teams to execute cutting-edge digital projects.

Leadership

➢ **Awards:** Harvard-Certificate Selection for Award • National Academy of Future Scientists & Technologists Award of Excellence • UC Berkeley Official Paleontologists Assistant Award • Phi Beta Kappa

Technical Aptitude

Coding Languages: Python • Java • R • SQL • Excel • HTML • CSS

Data Science: Exploratory Data Analysis & Data cleaning • Pandas • Text Wrangling & Regex • Modeling   Simple linear Regression • Ordinary Least Squares • Sklearn • Gradient Descent • Feature Engineering • Regularization Random Variables • Cross Validation • SQL • Logistic regression • PCA • KMeans clustering • Decision Trees • Linear algebra

Industry Assets

➢ Emerging Technology Solutions	➢ Machine Learning Operations	➢ Data Frameworks & Insights
➢ Life Cycle Management	➢ Programming Languages	➢ Predictive Analytics
➢ Modeling & Analytics Technologies	➢ Project Incubation	➢ Strategic Business Goals

Internship Experience

Data Science Internship | The Spark Foundation | Singapore | Dec 2022-May 2023

Curated a progressive environment to engage in a rigorous Graduate Rotational Internship Program to retain real-world data science applications experience.

➢ Established workflows to execute **9** multifaceted team projects with the Data Mining team and Machine Learning team to transform data into insights and create innovative problem-solving solutions.

➢ Applied agile frameworks to conduct thorough data analysis of the USA map using Python and SQL, retrieving data insights impacting salary in correlation to religion, state, and city, resulting in a **20%** increase in data accuracy.

   o This data generated analysis to support businesses with the appropriate information for investments and ROI.

Data Entry/Information Technology/Assistant | Lita Pettus-Dotson Law Firm | Alameda, CA | Jun 2018-Aug 2018

Amassed the end-to-end data management transformation from paper to electronic storage eliminating printers and legal disposal services to scale sustainability.

➢ Implemented portable USBs that drastically reduced cost and time by **50%** and advocated for eco-friendly cost-effective data management.

➢ Developed and managed data architectures streamlining data integrity and maintaining a **99%** accuracy rate.

Project Snapshot

UC Berkeley Bike Sharing | University of California, Berkeley | Remote | Aug 2023-Dec 2023

Initiated and spearheaded the bike-sharing project managing a team of **7** to predict demand, optimize model variables, exceed milestones, and escalated project efficiency by **20%**.

➢ Managed the creation of a top-tier model from scratch successfully outperforming master student benchmarks.

➢ Achieved **99.9%** accuracy by utilizing a random forest model to predict a given demand for bikes for the day.

Kaggle Competition-Titanic | University of California, Berkeley | Berkeley, CA | Aug 2023-Dec 2023

Operated as the Project Manager to lead a team in the Kaggle competition against Master's students applying machine learning algorithms containing random forests and logistic regression to hit a **Top 10%** ranking out of **700 participants**.

➢ Leveraged Google Collab for a seamless partnership during a two-week project, predicting survival outcomes based on the following factors: gender and age.

Education

Bachelor of Science, Data Science Minor: Economics **| University of California, Berkeley | Berkeley, CA | Dec 2023**