

Abbas Jalili

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Summary

- Expert in statistical research, data science, marketing, Project management, and technical problem-solving.
- Proficient in machine learning, big data, MySQL, Python, R programming, advanced Excel, and data analysis skills.
- Expert in data modeling, engineering, and business analytics tools like Power BI and Tableau.
- Proficient in web designing with Next JS, React, Ionic, and HTML.
- Expert in Git, API, and Google Analytics

Professional Experience

Data Consultant | Freelancer | Vallejo, CA

Sep 2021 - Present

- Generated actionable business insights, influencing business decisions and contributing to achieving objectives.
- Utilized machine learning algorithms in Python and R for predicting performance and anomaly detection.
- Developed and designed websites in the WordPress environment with PHP and CSS coding and market research using Google Analytics, Tag Manager, etc.
- Created web apps with Next JS, React, and React Native.

Researcher Intern | Lawrence Berkeley National Laboratory | Berkeley, CA

Aug 2021 - Oct 2022

- Leveraged strong programming skills, technical proficiency, and machine learning knowledge.
- Utilized ML algorithms in R and Python to build complex projects to meet critical requirements.
- Developed an automated system using dash Plotly in Python to analyze big data
- Deployed the interactive dashboard using machine-learning models to detect anomalies in datasets.
- Offered new solutions and provided quality data validation support to the team.
- Conducted code review to eliminate errors and resolve issues for optimal performance, improving code quality dramatically

Education

MS in Statistics (concentration in Data Science) | CSU East Bay
GPA 3.925 / 4.00

Aug 2020 - May 2022

Projects and Research Experience

- Multiple Linear Regression Analysis on Parkinson's Disease (PD)
- Breast-Cancer Research from Breast Cancer Wisconsin (Diagnostic) Data Set
- Data Visualization Project Created with Shiny Package about the Ten Most Famous Statistic Distributions with Interactive Simulations
- Food business in San Francisco, a shiny app project
- NLP (natural language process) project on the Ukraine-Russia war crisis
- Multiple Python projects and website designing

Certifications | Technical Skills

- MySQL Essential Training (LinkedIn Learning)
- Research Methodologies (Coursera)
- Introduction to Machine Learning in R (UCLA)
- Power BI (Coursera)
- Advanced Excel (Coursera)
- Statistics coursework (CSU East Bay): Dashboard, Shiny Web App, Probability and Statistics analysis of Variance Models, Linear and Logistic Regression, Advanced Statistical Theory, Advanced R for Data Science, Data Visualization, Online Machine Learning & Python Courses, Bootstrapping Methods, Statistical Learning, Natural Language Processing.

Extracurricular

- I teach statistics, data analysis software, and advanced Excel (Power Query, Power Pivot, Power Map, etc.) on social media sites like YouTube.

- **General Business Administration Certificate**, Diablo Valley College | Pleasant Hill, CA

Interests

- Watching data science tutorials on YouTube
- Listening to Data Science podcasts
- Watching ReactJS web app tutorials on YouTube
- Tracking stock market news