

Jonathan Rubalcava

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EDUCATION

University of California, Berkeley

Spring 2023

Bachelor of Arts in Data Science (Emphasis in Business and Industrial Analytics)
(3 years of experience in Data Analysis/Data Science field)

Relevant Coursework: Concepts of Probability, Introduction to Machine Learning, Foundations of Data Science, Principles and Techniques of Data Science, Principles of Engineering Economics, Introduction to Economics, Introduction to Business Analytics, The Structure and Interpretation of Computer Programs, Introduction to Database Systems.

PROFESSIONAL WORK EXPERIENCE

Berkeley SKYDECK

January 2023 - Present

Data Analyst for BLCK UNICRN

- Performed A/B and hypothesis testing in order to increase the amount of engagement with users via weekly newsletters.
- Resulted in an increase in click-rate among users in newsletter.
- Helped facilitate an immersive experience and assisted in giving a demo presentation to members of Berkeley SKYDECK.

Amazon

Summer 2019

Warehouse Fulfillment Associate

- Autonomously sorted and received packages for departure in a high paced environment.
 - Resulted in increasing throughput time by 30%.
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HIGHLIGHTED PROJECTS AND EXPERIENCE

Project- Exploring COVID-19 Data through Modeling

- Collaborated with a group to model and analyze the temporal evolution of COVID-19 cases using techniques of Data Science.
- Resulted in discovering key correlations between political party preference and mask mandate abidance by leveraging visualization models.

Personal Project- Using Tableau with Airbnb Data

- Created a Tableau Dashboard of data from Airbnb that presents the average price per neighborhood, the prices for listings throughout the year, and the distinct number of listings per bedroom.
 - Discovered that the most expensive Airbnb listings were those that had 6 bedrooms or that were close to the Financial District of SF.
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LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Artificial Intelligence Club, Ohlone College

February 2018 - May 2020

- Cooperated with a team to understand the programming language of python and worked collectively on issues that occurred while programming.
 - Resulted in the successful onboarding of 9 new club members.
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SKILLS

Programming Languages: Python, SQL, C++, Java, Html&Css

Visualization: Matplotlib, Seaborn, Tableau

Machine Learning/Data Science Concepts: Neural Networks, Clustering, K-Means, K Nearest Neighbors, Decision Trees, Random Forests, Scikit-Learn, PyTorch, Logistic/Linear Regression, A/B Testing, Convolutional Neural Networks, Statistics, Regex, Business Intelligence

Softwares/Tools Used: Jupyter Notebook, Pandas, Numpy, Sublime, IntelliJ IDEA, Visual Studio Code, Excel, Github, Keras

Spoken Languages: Fluent in English and Spanish