

KHALED ADAD

DATA SCIENTIST

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SUMMARY

Seeking opportunities to further develop my analytical and data science skills. Interested in implementing data engineering and data visualization techniques in a professional environment.

PROJECTS

C4ADS Detecting Diversion Oct. 2019

Demonstrated skills in Big Data, Fuzzy Matching, and Cloud technologies.

Analyzed data in AWS to handle 165GB of transaction-level information to identify diversion through the application of ML. Utilized Sagemaker and S3 clusters to merge and interpret files in preparation for production-ready implementation.

Deforestation Dashboard, <https://deforestationdashboard.netlify.com/> Aug. 2019

Forecasted global deforestation percentages using a linear regression model to predict and deploy findings.

Scraped and combined data from World Bank to analyze and deploy a SQL database for the team's Web App.

Youtube-U, <https://youtube-u.netlify.com/> July 2019

Explored Youtube's API to develop an e-learning platform that provides filtered search criteria geared towards education.

Generated millions of records to create dummy data and mimic actual user searches to be fed into a Neural Network.

Tools: Python, Scikit-learn, Pandas, Bash, Github, Trello.

EMPLOYMENT

Lambda School, *Team Lead*, Remote June 2019 - Current

Audit Github pull requests for a team of 10-20 students daily to monitor adherence of PEP8.

Direct group meetings using SCRUM/AGILE to foster student growth using current development methods.

Facilitate pair programming in data science techniques, cloud computing, and database technologies.

Lewis University, *Graduate Assistant*, Oakbrook Terrace Aug. 2018 - July 2019

Advised incoming graduate students and staff to motivate learning and enforced university code of ethics.

Discovered and resolved technical and software issues on different operating systems (Mac, Windows, Linux).

Organized company data to support daily operations including scheduling, communication, and documentation.

J.P. Morgan Chase, *Mortgage Banker*, Downers Grove Apr. 2016 - May 2017

Aligned centers of influence to generate \$5M+ in lending services and asset allocation of various mortgage products.

Consistently top 10% of producers and outperformed expectations in a high-stress environment.

Mentored consumers and branch partners to foster cross-functional efficiency and succeed performance metrics.

SKILLS

DATA ANALYSIS AND VISUALIZATION: Python (Pandas, Numpy, Matplotlib, Seaborn, SciPy), Regex, Tableau

PREDICTIVE MODELING AND MACHINE LEARNING: Scikit-learn, Data Reduction, Cross Validation, Ensemble Methods, Parameter Tuning, Regression, Classification, NLP

DATA ENGINEERING AND VERSION CONTROL: API's, SQL, Bash, Git, NoSQL, ETL, Pipelines, Django, Flask

EDUCATION

Lewis University | MS Business Analytics, Concentration in Finance Aug. 2017 - Dec. 2019

Lambda School | Data Science & Machine Learning Apr. 2019 - Jan. 2020

Loyola University | BBA, Major in Economics Aug. 2010 - May 2014