Emma Davis



Amazon Data Scientist



Dynamic data scientist with a strong foundation in machine learning, data analysis, and problem-solving. Eager to join Amazon's world-class data science team to leverage data-driven insights that drive business growth.

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Work Experience



Adobe - Data Scientist



2018 - current San Jose, CA

Led data analysis initiatives that resulted in a 37% increase in customer retention rates.



Developed predictive models using TensorFlow, **reducing forecasting errors by 21%**.



Implemented Apache Hadoop to analyze large-scale datasets, improving data processing speed by 33%.



Utilized Pandas and Python for data manipulation, resulting in a 2-hour reduction in data cleaning time.



Cisco Systems - Junior Data Engineer



2015 - 2018 San Jose, CA

Collaborated with a cross-functional team to develop ETL pipelines, improving data processing effciency by 26%.



Leveraged Amazon Redshift to optimize data warehouse performance, resulting in a 3-hour reduction in query execution times.



Automated data ingestion processes using AWS Glue, **reducing manual effort by 32%**.



Conducted sentiment analysis on customer reviews using NLTK, providing valuable insights to the marketing team.



eBay - Trainee Data Analyst



2012 - 2015 San Jose, CA

Set up Kafka clusters and integrated data sources, resulting in a 30% improvement in data processing effciency.



Achieved a **$4K reduction in infrastructure costs** by containerizing data processing components.



Spearheaded automated deployment scripts and version control using Git, resulting in a 27% decrease in deployment errors.



Used Python and SQL to clean and preprocess data, achieving a data quality improvement of 18%.



Education



Stanford University - Bachelor of Science, Computer Science



2008 - 2012 Stanford, CA

Skills



Python; Pandas; TensorFlow; Apache Hadoop; Amazon Redshift; AWS; NLTK; Apache Kafka; Git; Docker