Jeremy Mitts

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Education

Atlas School, Diploma in Computer Science and Machine Learning

Tulsa, OK | Graduation: September 2025
- Completed coursework in machine learning, data structures, and algorithms
- Developed hands-on experience with Python, C, and SQL for data analysis and modeling
- Engaged in collaborative projects to create predictive algorithms and optimize machine learning models

Relevant Experience

Tech Innovators Inc.

Tulsa, OK | **Machine Learning Intern** | May 2024 - August 2024
- Developed model using Python and scikit-learn, with 15% improvement in fraud detection accuracy
- Analyzed datasets to identify patterns, streamlining processing by implementing optimized algorithms in SQL

Tulsa Data Solutions

Tulsa, OK | **Data Analyst Intern** | May 2023 - August 2023
- Built data visualization dashboards in Tableau, reducing report generation time by 40% for the operations team
- Conducted statistical analysis on customer data, contributing to a 10% increase in customer retention

Projects

Customer Churn Prediction Model

Role: **Project Lead** |https://github.com/jerm014/churn-prediction | Completed: December 2023
- Led a team to develop a predictive model for customer churn using Python and TensorFlow
- Implemented feature engineering techniques to improve data quality, enhancing model performance by 10%
- Presented project findings to stakeholders, providing actionable insights for customer retention strategies

Stock Price Forecasting Tool

Role: **Developer** | https://github.com/jerm014/stock-forecasting | Completed: March 2023
- Created a forecasting model for stock prices using historical data and machine learning algorithms in Python
- Integrated a visualization for predictions, offering an interactive interface for data-driven decision-making
- Utilized time-series analysis techniques to refine predictions, resulting in a 12% increase in forecast accuracy

Sentiment Analysis for Social Media

Role: **Data Scientist** | https://github.com/jerm014/sentiment-analysis | Completed: January 2023
- Built a natural language processing (NLP) model to analyze social media sentiment on trending topics
- Implemented using Python and NLTK, achieving 87% accuracy in classifying positive and negative sentiments
- Applied text pre-processing techniques to improve robustness, enabling real-time sentiment tracking

Skills

- **Computer Skills:** Python, C, SQL, Tableau, scikit-learn, TensorFlow, NLTK
- **Technical Skills:** Machine learning, data analysis, predictive modeling, natural language processing (NLP)
- **Language Skills:** English (native), proficient in written and oral communication