

# Matthew Tichenor

Tel: 985-788-4597 | Email: mwtichenor@gmail.com | LinkedIn | Round Rock, TX, 78681

## EXPERIENCE SUMMARY

---

Data Scientist with 5+ years of industry experience collaborating with engineering, analytics and business to deliver on high-impact projects.

## PROFESSIONAL EXPERIENCE

---

**Data Scientist, LiveRamp** | Remote *May 2022 - Present*

- Developed a Ranking ML model that increased agreement with Amazon by 169%.
- Regularly presented quarterly objectives and key results to stakeholders.
- Worked with engineers to deploy ML models, using Vertex AI, Kubeflow Pipelines, BigQuery, Apache Beam and Apache Airflow

**Senior Data Scientist, Orchard** | Remote *June 2021 - May 2022*

- Owned & rewrote Orchard's backend, automating statistical tests and reporting.
- Used NLP to cluster user comments in campaigns.
- Served as a statistics subject matter expert for the company.

**Data Scientist, FRB Kansas City** | Remote *March 2020 - June 2021*

- Collaborated with software engineers to deploy an Anomaly Detection model.
- Used statistical models to diagnose issues in IT Operations, where my report was featured in the Weekly Newsletter.
- Mentored the team's Junior Data Scientist.

**Systems Analyst V, Texas Workforce Commission** | Austin, TX *June 2016 - March 2020*

- Developed the agency's first in-house fraud detection model, saving the state \$20 million in the first year alone.
- Updated and maintained several dashboards, tracking the outcomes of program participants.
- Cleaned, aggregated and merged data from disparate sources to inform policy makers.

## TECHNICAL SKILLS

---

- **Languages/Tools:** Python, R, SQL, Git, Apache Airflow, Vertex AI (pipelines, training/tuning, online/batch predictions)
- **Libraries/Frameworks:** TensorFlow, Scikit-Learn, Pandas, NumPy, BeautifulSoup, Matplotlib
- **Machine Learning:** Classification (Random Forest, LightGBM, Stacking), Regression Modeling (linear, logistic, regularized), Topic Modeling (LDA, LSA, NMF, Top2Vec), Anomaly Detection (Isolation Forest, HBOS), Ranking (LightGBM, XGBoost)
- **Stats & Experimentation:** Time-Series Analysis (OLS, ARIMA, Exponential Smoothing), hypothesis testing, Causal Inference (propensity score matching)

## EDUCATION

---

**Texas Tech University** *August 2014 - May 2016*  
*M.S. Statistics*

**University of New Orleans,** *August 2011- June 2014*  
*B.S. Biological Sciences*

## Certificate

---

**MITxPro** *December 2021 - July 2022*  
*Professional Certificate in Data Engineering*