

# Daniel Timmermann

Grapevine, TX  
github.com/DanielTman  
linkedin.com/in/daniel-timmermann  
danieltimmermann@yahoo.com  
(830) 386-9718

## Technical Skills

- Python, R, SQL, SAS, PySpark, Natural Language Processing, Tableau, Multivariate Statistics, Excel, Pandas, Numpy, Matplotlib, TensorFlow

## Education

**Springboard Data Science Career Track, Certification 2021** Jun 2020 – Apr 2021  
6-month intensive course in data science, machine learning, Python, and SQL

**The University of Texas at Arlington, Arlington, TX** May 2018  
Bachelor of Science in Mathematics  
Minor in Business Administration

## Projects

- Credit Card Fraud Detection Project – Built a model to determine if a transaction is fraudulent or not. I used python and implemented three models: logistic regression, random forest, and support vector machine. The logistic regression model performed better with 92% recall, an AUC of 97%, and is the simplest to incorporate into business operations.

## Work Experience

**Optimum Re, Intermediate Reinsurance Analyst, Dallas, TX** Nov 2018 – Present

- Predict which insureds are more likely to buy and use travel insurance using R
- Improve clients machine learning models by reviewing and providing feedback
- Manage 108 client accounts and communicate with clients when issues emerge
- Process 500+ transactions per month with an accuracy rate of 95% or greater
- Analyze differences between client and company data to minimize risk

**Six Flags Over Texas, Cash Control Teller/Vault, Arlington, TX** Feb 2018 – July 2018

- Generated daily inventory and revenue reports using excel
- Balanced vault inventory upwards of \$1 million daily
- Coordinated with other team members to complete tasks efficiently

**Continental AG, Operator, Seguin, TX** Summer 2017

- Oversaw production line when lead operator was not present
- Exceeded production standards by increasing unit output by 20%
- Reorganized 25 batches of inventory on production floor

**Texas Baptist Encampment, Summer Staff, Palacios, TX** Summers 2013 – 2016

- Supervised a team consisting of 10 employees
- Communicated with adult leaders from each camp about weekly activities