

# Jackson Thompson

Data Scientist | NLP Expert | Document Analysis

@ Email   [linkedin.com](#)   [Austin, Texas](#)

## SUMMARY

Passionate Data Scientist with over 4 years of professional experience focused on NLP and computer vision. Skilled in Python, experimented in using TensorFlow and Pytorch for building and training models, and proficient in document analysis and recognition. Significant contribution in a project which extracted complex data from urban planning documents using machine learning.

## EXPERIENCE

### Data Scientist

Google

2020 - Present   [Austin, Texas](#)

Worked on various projects involving data analysis, model development and optimization

- Managed a project which successfully optimized a recommender system, increasing accuracy by 15% and user engagement by 20%
- Developed a new image recognition model, improving accuracy by 18% compared to the previous model
- Led a team in a project revolving around Object Detection resulting in a decrease of error rate by 12%

### Data Analyst

IBM

2018 - 2020   [Austin, Texas](#)

Responsible for analyzing large datasets, developing visualizations and creating reports

- Carried out in-depth analysis of business data resulting in a revenue increase of 10% over a year
- Developed and managed 3 new dashboards for real-time monitoring of KPIs impacting decision making across various departments
- Spearheaded efforts in data cleaning exercise leading to a 30% increase in data accuracy

### Machine Learning Intern

Facebook

2017 - 2018   [Austin, Texas](#)

Assisted in developing machine learning models for various applications

- Participated in a project to enhance user personalization, improving user experience significantly
- Assisted in creating an AI model which reduced fake news detection time by 25%
- Contributed in advancing an image classification system which boosted output accuracy by 20%

## STRENGTHS



### Project Management

Managed multiple complex data science projects successfully resulting in significant improvements like a 30% increase in data accuracy.



### Problem Solving

Skilled in identifying problems and implementing effective solutions, like optimizing a recommender system increasing user engagement by 20%.



### Teamwork

Strong reputation for building and leading cohesive, productive teams focusing on project completion, and goal achievement.

# EDUCATION

## M.S. in Data Science

University of Texas at Austin

📅 2016 - 2018    📍 Austin, Texas

## B.S. in Computer Science

University of Houston

📅 2012 - 2016    📍 Houston, Texas

# SKILLS

Machine Learning	Computer Vision	Deep Learning	NLP	Python	TensorFlow	Pytorch
Document Analysis	Java	Multi-threaded Programming	AWS	Image Classification	Object Detection	
Segmentation	Layout Analysis					

# CERTIFICATION


## Advanced Machine Learning Specialization

Offered by University of Washington through Coursera

## Deep Learning Specialization


Offered by deeplearning.ai through Coursera

# INTERESTS



### Data Mining and Analysis

I enjoy finding patterns and insights in large data sets. It's like solving a complex puzzle.



### Running Marathons

Running marathons helps me stay disciplined, focused and gives me a strong sense of determination.

# LANGUAGES

English

Native