

# George Mihaila



## Experience

### Software Engineer - Data Scientist - Machine Learning

University of North Texas (UNT)  
Research Information Technology  
Denton, Texas  
Sep 2018 - Present

#### Data Scientist – Machine Learning – Software Engineer

- Offer Data Science – Machine Learning support for different departments.
- Server maintenance, IT support for UNT High Performance Computing.
- Working on future development of container technology.

State Farm  
Enterprise & Data Analytics  
Bloomington, Illinois  
May 2018 – August 2018

#### Data Scientist Intern – Machine Learning

- Worked on Machine Learning Platform, using Docker Swarm.
- Improved deep learning text models that saves State Farm millions \$ / year
- Won the annual Hack Day with project involving machine learning, big data pipeline architecture, chatbot, OCR, fraud detection with savings of \$5 mil/year.
- Developed deep learning model from scratch to perform OCR on scanned documents. Achieved over 75% accuracy with a state of the art training technique.

University of North Texas (UNT)  
Department of Computer Science  
Denton, Texas  
Sep 2017 – May 2018

#### Teaching Assistant – Computer Science

- Computer Programming lab assistant, peer mentor and grader.
- Debugging code and assisting students in C/C++ programming projects.

University of North Texas (UNT)  
Department of Computer Science  
Denton, Texas  
Sep 2017 - Present

#### Artificial Intelligence – Machine Learning Researcher

- Applying Deep Learning in Natural Language Processing.
- Main research projects on Key Phrase extraction, Text Summarization and Reinforcement Learning. Secondary projects in Computer Vision.
- Working with deep learning tools: TensorFlow, Keras.



## Education

University of North Texas  
Denton, Texas  
Sep 2017 - Present

#### PhD in Computer Science

**GPA 4.0**

- Specialized in Machine Learning, Natural Language Processing, Big Data, Data Mining
- Vice President - Association for Computing Machinery (ACM) student

University  
POLITEHNICA  
Bucharest, Romania

#### Bachelors in Electrical Engineering

- Specialized in signal processing, power electronics and electric motor design.



## Skills



## Reference

Python

Docker

Keras, Tensor Flow

AWS, MySQL

PyTorch

Swift, Android

Hadoop, PySpark

R

#### Dr. Rodney D. Nielsen

Associate Professor - Director HiLT Lab  
University of North Texas – Computer Science  
**Phone:** (940) 565-4879  
**Email:** Rodney.Nielsen@UNT.edu



## Contact

(302)-864-7518 [georgemihaila@my.unt.edu](mailto:georgemihaila@my.unt.edu)

<https://www.linkedin.com/in/mihailageorge>

<http://www.georgemihaila.com/>

<https://github.com/gmihaila/>