

George Mihaila

Data Scientist - Machine Learning Engineer

(302) 864-7518

georgemihaila@my.unt.edu

<http://gmihaila.github.io>

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



Experience

- | | |
|--|---|
| <p>State Farm
Enterprise Data & Analytics
Dallas, Texas
May 2020 – July 2020</p> <p>University of North Texas (UNT)
Research Information Technology
Denton, Texas
September 2018 – May 2020</p> <p>State Farm
Enterprise Data & Analytics
Dallas, Texas
May 2019 – July 2019</p> <p>State Farm
Enterprise Data & Analytics
Bloomington, Illinois
May 2018 – August 2018</p> <p>UNT
Department of Computer Science
Denton, Texas
September 2017 - May 2018</p> <p>UNT
Department of Computer Science
Denton, Texas
January 2017 - Present</p> | <p>Data Scientist Intern</p> <ul style="list-style-type: none">• Created a Reinforcement Learning (RL) proof of concept application.• Built a framework around RL that makes it expandable into other business areas.• Created custom data environments to easily train and deploy RL models. <p>Data Scientist – Machine Learning Engineer</p> <ul style="list-style-type: none">• Supported research project data science and Machine Learning (ML) needs.• Maintain latest ML frameworks for UNT's High Performance Computing (HPC).• Created workshops and tutorials on using cloud computing HPC services. <p>Machine Learning Engineer Intern</p> <ul style="list-style-type: none">• Automated model risk validation reducing deployment timeline by 90%.• Deployed Python package for automated model building and data analysis.• Built a user interface for automated model comparison with CI/CD pipeline. <p>Data Scientist Intern</p> <ul style="list-style-type: none">• Introduced GPUs in ML tutorials that speed up training by over 50%.• Increased model performance used in claims process by 5% using text data.• Built Deep Learning Optical Character Recognition with over 75% accuracy. <p>Teaching Assistant – Computer Science</p> <ul style="list-style-type: none">• Built and debugged C/C++ coding assignments and exams.• Assisted Computer Science students as a peer mentor and grader. <p>Artificial Intelligence – Machine Learning Researcher</p> <ul style="list-style-type: none">• Built state of the art Deep Learning models in Natural Language Processing.• Implement concepts from research papers related to state of the art chatbots. |
|--|---|



Education

- | | | |
|--|--|---|
| <p>University of North Texas
Denton, Texas
May 2019- Present</p> <p>University of North Texas
Denton, Texas
May 2019</p> | <p>PhD in Computer Science
Focus on Natural Language Processing, Deep Generative Modeling, Companionable Robots, Persona Detection and Chatbots.</p> <p>MS in Computer Science
Specialized in Machine Learning, Natural Language Processing, Big Data, Data Mining, Computer Vision and Deep Reinforcement Learning.</p> | <p>GPA 4.0</p> <p>GPA 3.9</p> |
|--|--|---|



Skills



Reference

Dr. Rodney D. Nielsen

Associate Professor - Director HiLT Lab

UNT – Computer Science Engineer

Phone: (940) 565-4879

Email: Rodney.Nielsen@UNT.edu

Python

Docker

Keras, Tensor Flow

AWS, MySQL

PyTorch

Swift, Android

Hadoop, PySpark

R