George Mihaila



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.



PhD in Computer Science
Specialized in Machine I.

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

Denton, Texas

Sep 2017 - Present

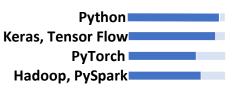
University of North Texas

Bachelors in Electrical Engineering

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







Docker
AWS, MySQL
Swift, Android

Dr. Rodney D. Nielsen

Associate Professor - Director HiLT Lab University of North Texas - Computer Science

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https://github.com/gmihaila/