**Nolan Arendt Data Scientist**

Walled Lake, MI 48390 | +1.517.375.0513 | [nolanarendt10@gmail.com](mailto:nolanarendt10@gmail.com) | [LinkedIn](https://www.linkedin.com/in/nolanarendt/)

Dynamic Data Scientist specializing in Natural Language Processing and AI technologies. Leveraging a background in Management Information Systems, I excel in designing and implementing innovating, automated solutions that enhance efficiency and drive data-driven decision-making an any organizational context.

**Technologies**: Python | Databricks | AWS EC2 | Jupyter Notebooks | Github | Git | Excel | Word | PowerPoint | SQL | Power BI | Visual Basic | R

**Data Science**: Python Programming, Data Acquisition, Data Management, Data Visualization, Machine Learning, Storytelling, Regression and Classification Modeling, Clustering, Natural Language Processing, Robotic Process Automation, Sentiment Analysis, Web Scraping, API Experience, Deep Learning, Generative AI, Natural Language Querying

**Python Libraries**: Pandas | NumPy | Matplotlib | Seaborn | Scikit-Learn | BeautifulSoup | Requests | PyTorch | TensorFlow

**PROFESSIONAL EXPERIENCE**

**Pontoon Solutions** April 2021 - Present

With 1,600 colleagues in 32 countries, Pontoon combines creative solutions, innovative tools and technology, to drive talent acquisition transformation.

**Data Scientist** March 2022 - Present

* Develop a job title prediction tool for clients to better understand job taxonomy and produce over 40,000 recommended job titles.
* Create pipeline for data to directly hit API and extract skills from job descriptions to better understand key skills in predicting job titles and assistant in companies job taxonomy.
* Build an unsupervised clustering model to better understand statements of work and determine most accurate job title.

**Data Analyst (Data Science Team)** April 2021 - March 2022

* Develop custom Power BI dashboards to display Covid-19 vaccine and inflation data across the United States at the county and city level.
* Create several robotic process automation scripts using UI Path for web scraping, report exports, and data refreshes.
* Maintain several candidate pipelines to refresh daily and update existing dashboards using both MicroStrategy and Bullhorn reports.

**General Assembly** October 2020 - January 2021

**Data Science Immersive Fellowship**

* Delivered a professional capstone project, applying predictive modeling, pattern recognition, data visualization, and data gathering.
* Full-time immersive Data Science course. Completing several machine learning projects, day long hackathons, and personal projects focused on applications of data science principles.

**EDUCATION**

**M.S. Syracuse University –** Syracuse, NY January 2023 - June 2024

Applied Data Science

**General Assembly Data Science Immersive**  October 2020- January 2021

Data Science Immersive Fellowship

**B.A. Washington State University -** Pullman, WA August 2015 - May 2020

Management Information Systems

**SELECT PROJECTS**

[**IMDb Movie Revenue Predictions**](https://github.com/nolanarendt/capstone-dsi): Final capstone project predicting IMDb movie scores and revenue. Used roughly 85,000 movies and 290,000 actors/actresses.

[**Tech Job Recommender System**](https://github.com/nolanarendt/check-your-tech-profile): Social impact project focused on leveraging user LinkedIn data to recommend technical job positions.

[**Reddit Web API & NLP**](https://git.generalassemb.ly/nolanarendt/Submissions/tree/main/Projects/project_3-master)**:** Choose two subreddits, collect five thousand post data from each subreddit, and train a predictive model to predict whether a post is from the first subreddit, or the second subreddit with 92.5% accuracy.