Logan Thomas

Senior Associate Data Scientist I
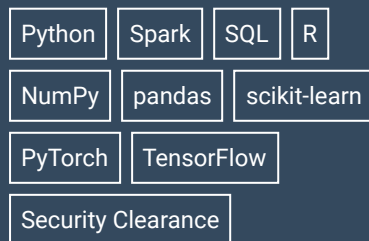Protection Engineering Consultants
Austin, TX

About me

I'm a highly motivated and naturally curious individual with **6 years** of experience using **data science** & **machine learning** techniques.

I exhibit an analytical and detail-oriented nature while placing strong value on building relationships.

Skills

Python | Spark | SQL | R

NumPy | pandas | scikit-learn

PyTorch | TensorFlow

Security Clearance

Awards

Essentials Program Selection
Nielsen | 2019

Data Science Collaby Award
Nielsen | 2017

Simply Excellent Platinum Award
Nielsen | 2017

Outstanding Graduate for Mathematics
Palm Beach Atlantic University | 2012

Outstanding Leadership Award
Palm Beach Atlantic University | 2011

Don Harp Athletics Leadership Award
Palm Beach Atlantic University | 2011

Contact

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logan-thomas

loganthomas

💼 Experience

Senior Associate Data Scientist I
Protection Engineering Consultants: Austin, TX | Aug 2019 - Present
Advanced Technology & Research Team
- Developed evolutionary algorithm library for deploying multi-gene genetic programming and symbolic regression
- Enhanced computer vision algorithms for autonomous fragment tracking
- Python technical lead and Git evangelist
- Security Clearance as of Sept 2020

Python Technical Curriculum Developer & Online Instructor
DataCamp: Remote | Feb 2019 - Present
- Designed, created, and currently maintain "Writing Efficient Python Code"
- 20k+ students, 4.5/5 average course rating

Lead Data Scientist
Nielsen: Austin, TX | Oct 2018 - Aug 2019
Machine Learning & Algorithms Team
- Researched and implemented machine learning models
- Discovered relationships and detected anomalies in large datasets
- Synthesized disparate datasets to influence decision making
- Advocate for clean code, version control, and unit testing

Senior Data Scientist
Nielsen: San Francisco, CA | Aug 2016 - Oct 2018
Digital Product Team
- Engineered automated natural language processing engine utilizing network analysis, graph theory, and TF-IDF methods
- Deployed autonomous training pipeline for LSTM deep learning model using Databricks, AWS, TensorFlow, and Keras
- Created optimization routine leveraging random forests, k-dimensional trees, and CVXPY

Applied Analytics Program Associate - School of Professional Studies
Columbia University: Remote | Sep 2016 - Dec 2016
Applied Analytics in an Organizational Context

Data Scientist
Nielsen: Tampa, FL & San Francisco, CA | July 2014 - Aug 2016
Emerging Leaders Program

🎓 Education

University of Florida | 2012 - 2014
Master of Science in Mechanical Engineering
Minor in Statistics

Palm Beach Atlantic University | 2008 - 2012
Bachelor of Science in Mathematics
Minor in Biblical Studies; Graduated Summa Cum Laude

⟨⟩ Contributions

Open Source:

⑂ pyjanitor   ⑂ deap   ⑂ pint

Personal:

⑂ turkey-bowl   ⑂ repo-scrape   ⑂ python-practice