

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



Contact

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 logan-thomas

 loganthomas

Experience

Senior Associate Data Scientist I

Protection Engineering Consultants: Austin, TX

Advanced Technology & Research Team

Aug 2020 - Present

- Developed evolutionary algorithm library for deploying multi-gene genetic programming and symbolic regression
- Enhanced computer vision algorithms for autonomous fragment tracking library
- Python technical lead and Git evangelist
- Security Clearance as of Sept 2020

Course Instructor

DataCamp: Austin, TX

Feb 2019 - Present

- Created "Writing Efficient Python Code" course
- 20k+ students, 4 hours of content, 4.5/5 average course rating

Lead Data Scientist

Nielsen: Austin, TX

Machine Learning & Algorithms Team

Oct 2018 - Aug 2019

- Researched and implemented machine learning models
- Discovered relationships and detected anomalies in large datasets
- Synthesized disparate datasets to influence decision making

Senior Data Scientist

Nielsen: San Francisco, CA

Digital Product Team

Aug 2016 - Oct 2018

- Launched automated Natural Language Processing engine leveraging network analysis, graph theory, and term frequency-inverse document frequency methods
- Deployed autonomous training pipeline for LSTM deep learning model using Databricks, AWS, Tensorflow, and Keras
- Engineered end-to-end optimization routine utilizing random forest models, k-dimensional trees, and CVXPY

Data Scientist

Nielsen: Tampa, FL & San Francisco, CA

Emerging Leaders Program

July 2014 - Aug 2016

- Selected as top talent to participate in prestigious training 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