Thomas Abraham

Data Scientist

Data Scientist with a strong background in the quantitative analysis of complex systems by using statistical trends and qualitative statements to construct a narrative. Implementing decision intelligence and feature engineering to learn how algorithms are utilized by Neural Networks in Deep Learning models. Passionate about the physical and social sciences, data art, and storytelling.



Experience

Director of Development 2016 -

2019 Dalit Solidarity

- Created and managed Salesforce.org database.
- Grant writer, fundraiser and USAID liaison.
- Implemented QuickBooks for Nonprofits.
- Financial auditor for international operations.
- Integrated web design for UX/UI in 2020.

Account Manager 2011 -

2012 Maxim Healthcare

- Implemented care and improving the quality of life for children in intensive care.
- Managed 200+ CRNs and RNs.
- Oversaw patient cases, processing insurance claims and maintaining client coverage.
- Maintained HIPAA and OSHA standards for internal and external environments.

2005 -Resource Manager

2008

Hershey Creamery Co.

- Bookkeeper for primary branch controlling all deposits, expenses, and customer support.
- Led team to improve delivery routes and fuel consumption rates via data mining, cleaning and analysis.
- Oversaw 20 employees addressing inefficiency and quality assurance.
- Hired and trained new employees.
- Travelled as a consultant to improve operations.

Past

- Taught leadership, teamwork, listening, communication, self-awareness, and problem-
- Established outcomes and skills of training courses while creating a curriculum.
- Trained young people in various techniques of understanding, and proper communication, in interpersonal relationships.

Education

Northwestern University 2018 -

2018 **Data Science Certificate**

Yale University 2013 -

2014 Sociology of Religion

Lutheran Theological Seminary at Gettysburg 2011 -

2013 Masters of Arts in Religion

Certificate of Muslim-Christian Dialogue

Temple University 2008 -

2010 **Bachelors in Business Administration**

Human Resource Management

Public Policy Certificate

Personal Info

Phone

(717) 514-1059

E-mail

thomas.e.abraham@gmail.com

GitHub

github.com/teabraham

LinkedIn

linkedin.com/in/thomaseabraham/



Skills

Programming

Python, R, SQL

Data Wrangling

Git, Jupyter, Zeppelin, Kaggle

Data Analysis

Pandas, Numpy, SPSS

Data Visualization

Tableau, D3.js, Matplotlib, Ggplot, Plotly

Big Data

Spark, Hadoop, Hive, MongoDB, MySQL

Machine Learning

TensorFlow, Scikit-learn, Keras, PyTorch

Deep Learning

AWS, GCP

Web Design

HTML, CSS, JavaScript

Creative Problem Solving

Communication

Critical Thinking

Deep and Simple Storytelling