Thomas Abraham

Data Scientist and Machine Learning Engineer

Data Scientist with a background in descriptive statistics and predictive analytics to construct a narrative. Implementing decision intelligence and feature engineering to learn how algorithms are utilized by Neural Networks in Deep Learning models. Passionate student of physics, mathematics, sociology, data art, education, and storytelling.

Experience

2016 - 2021 — **Director of Development**

Dalit Solidarity

- Created and managed Salesforce.org database.
- Backend development of ETL pipeline.
- Integrated web design for UX/UI in 2020.
- Managed CRM transition from Salesforce.org to Google Analytics.
- Grant writer, fundraiser and USAID liaison.
- Implemented QuickBooks for Nonprofits.
- Financial auditor for international operations.

2011 - 2012 — **Account Manager**

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 - 2008 — **Resource Manager**

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-solving.
- 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

2020 - 2021 — **Columbia School of Engineering**

Machine Learning and Artificial Intelligence

2018 - 2018 — **Northwestern University**

Data Science

2012 - 2014 — **Yale University**

Sociology of Religion

2008 - 2010 — **Temple University**

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

ETL, Git, Jupyter, Zeppelin

Data Analysis

Pandas, Numpy, SPSS, SciPy

Data Visualization

Tableau, D3.js, Matplotlib, Ggplot, Plotly

Machine Learning

TensorFlow, Scikit-learn, Keras

Big Data

Spark, Hadoop, MongoDB, MySQL

Natural Language Processing

NLTK, spaCy

Web Design

HTML, CSS, JavaScript

Critical Thinking

Creative Problem Solving

Communication

Deep and Simple Storytelling