

Ahmed Shafer Battal

Senior Data Scientist

Villa 105 - 51st Neighborhood
10th of Ramadan Al Sharqia, Egypt
+2 0100 7389 230
a.shafer.battal@gmail.com

Education

- Jan'19 - Dec'21 **M.S. Computer Science - Georgia Institute of Technology, Atlanta, GA**
Concentration: Machine Learning
GPA: 3.8
- Sep'11 – July'16 **Bachelor's in Computer Engineering - Ain Shams University**
Grade: Very Good

Experience

Nov'18 - Currently **Software Engineer**
at Microsoft

Working in innovation team in a sales department where we are the connection between Research, Advanced Technologies, and Microsoft Strategic Customers.

Co-innovating with Microsoft Strategic Customers by creating data platforms that involves data ingestion, data storage and data insights. This is done after engaging with the customer in exploratory data analysis workshops.

Creating Machine Learning models to solve various advanced problems like Credit risk assessment, Meta-learning video classification, Recommendation engine over GraphDB and more based on the customer scenario using variety of tools including but not limited to PyTorch, NumPy, SciPy, InterpretML and NetworkX

Mar'18: Nov'18 **Data Scientist**
at Elves

Developing custom Named Entity Recognition for airports and airlines to annotate travelling queries and automate the flight booking flow.

Developing reporting system for exploratory and predictive analytics to find trends and anomalies in the data. The system also reported on churning users and identified common scenarios to re-engage with a segment of churning users.

Mar'17: Mar'18 **Data Scientist**
Part-Time **at Benchmark_MiddleEast**

Developing a book consultant chatting bot (sipof.ink) which won the first place in Facebook Middle East and Africa Bots for Messenger Challenge in Productivity and Utility challenge.

Training a Deep Learning (Doc2Vec) model on books data to create a vector space of books info and find similarities and books to be recommended based on users' book ratings.

Training Deep learning chatbot using End-to-end memory network that was able answer complex queries about books supported by a knowledge base.

June'16: Nov'16 **Data Science Intern
at Cognitev**

Creating a product linkage pipeline consisting of 3 stages: Indexing, Matching, Classification to be able to create a master product from different ecommerce websites.

Achieving 77% accuracy on products in both Arabic and English across 3 different ecommerce websites.

Aug'15: June'15 **Textual Emotion Recognition using Ensemble Classifier**
Graduation Project

Implementing ensemble classifier system to classify whether the emotion in the input text is: Anger, Disgust, Fear, Sadness, or Joy.

The system is based on 3 learners: 2 statistical learners and a knowledge base learner ensembled on a majority voting approach using the ISEAR dataset.

Jul'15: Nov'15 **Software Engineer
at Shezlong.com**

Designing & implementing features, for instance, Video Chatting, Live Chatting, Support for various payment options, and Admin dashboard showing all the business analytics.

Certificates

Mar'20 **Microsoft Certified: Azure Data Scientist Associate**

Mar'21 **Microsoft Certified: Azure Developer Associate**

Apr'16 **Machine Learning: Regression by University of Washington on Coursera**

Apr'16 **Data Manipulation at Scale: Systems and Algorithms by University of Washington on Coursera**

Apr'16 **Introduction to Big Data by University of California, San Diego on Coursera**

Feb'16 **Machine Learning Foundations: A Case Study Approach by University of Washington on Coursera.**

Feb'16 **Introduction to Big Data and Data Science Fundamentals from TeraData**

Languages

Arabic **Native**

English **Fluent**