

Sonia Sharma

Data Scientist - Question.ai

- Email me on Indeed: [indeed.com/r/Sonia-Sharma/730df20f8581ae2a](https://www.indeed.com/r/Sonia-Sharma/730df20f8581ae2a)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Data Scientist

Question.ai - January 2017 to Present

Building a chatbot - responsible for the NLU component of the dialogue system (in stealth mode)

Data Scientist - Consulting Work

- 2016 to 2017

Built an automatic product attribute extraction model for product listings from e-commerce using recurrent neural nets and semi-supervised Learning in Python using Keras (for Coupang)

- Cleaned and analyzed 200+GB of data using pandas and postgresSQL on AWS to automatically detect important unanswered emails using Kmeans clustering and Neural Networks (for Prosperworks)

Assistant Professor - SUNY

Cortland, NY - 2011 to 2015

Published papers on topics in advanced mathematics; taught advanced courses in Probability, Statistics, and Linear Algebra amongst others.

EDUCATION

PhD. in Mathematics

University of Houston - Houston, TX

2004 to 2009

SKILLS

Python (1 year), Statistics (5 years), NLP (1 year), Deep Learning (1 year), Machine Learning (2 years), R Programming (2 years)

LINKS

<https://github.com/soniasharma>

AWARDS

Data Incubator Scholar

December 2016

Got accepted into the Data Incubator as a scholar. The Data Incubator is an intensive 8 week fellowship that prepares the best scientists and engineers with advanced degrees to work as data scientists and quants. The program is highly selective with less than 3-4% acceptance rate for scholars.

https://en.wikipedia.org/wiki/The_Data_Incubator

CERTIFICATIONS/LICENSES

Data Science Specialization from JHU (on Coursera)

May 2016 to Present

GROUPS

Assistant Organizer for AI Meetup Group

October 2016 to Present

Assistant Organizer and Event Host for SV AI and Big Data Association which is an exchange platform for big data professionals to share their experiences, learn about the newest technologies and explore potential startup opportunities.

<https://www.meetup.com/svaibd/>

Program Manager, AI Frontiers Conference

November 2016 to Present

Helped with organization, managed conference talks and schedules, responsible for communicating and coordinating the speakers.

AI Frontiers was a successful AI conference with focus on applied deep learning in autonomous driving, NLP, speech recognition, computer vision, IoT, and deep learning framework. The speakers were pioneers their field including Jeff Dean (Head, Google Brain), Li Deng (Microsoft), Alex Smola and Nikko Storm (Amazon) , Adam Coates (Baidu), to name a few.

<https://www.2017.aifrontiers.com/>

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ADDITIONAL INFORMATION

TECHNICAL SKILLS

MACHINE LEARNING and STATISTICS: Logistic Regression, Decision Trees, Random Forests, Artificial Neural

Networks, SVM, K-means clustering, RNN, LSTM, PCA, Naive Bayes, Hypothesis Testing.

PROGRAMMING: Proficient in Python (numpy, pandas, scikitlearn, matplotlib, Keras), R (ggplot2, dplyr, tidyr, data.table), and SQL. Familiar with Tensorflow, Flask, Shiny IO, Knitr and Latex.