

MILI SHAH

248 Amherst Road, Apt. I-01
Sunderland, MA 01375
413-800-9382

E-mail: milishah224@gmail.com

LinkedIn: linkedin.com/in/milishah224/

EDUCATION

UNIVERSITY OF MASSACHUSETTS AMHERST

Master's in Computer Science, September 2017 – May 2019

NIRMA UNIVERSITY

Bachelor of Technology, Computer Engineering, August 2013 – May 2017

COURSEWORK

Machine Learning, Algorithms for Data Science, Introduction to Natural Language Processing, Big Data Analysis, Design and Analysis of Algorithms, Advanced Data Structures

EXPERIENCE

MORGAN STANLEY

Technology Analyst Intern, May 2016 – July 2016

- Project: Automate level-1 support for java developers of Morgan Stanley
- Constructed a system in Python to cluster queries to analyse topics and match new e-mails with previous discussions and wiki pages

PROJECTS

CURRENT PROJECTS

- Improving Rowless Universal Schema model of Knowledge Bases with complex and order embeddings for column embeddings
- Character identification on multi-party dialogues(SemEval Task 4)

KNOWLEDGE BASES

February 2017 – April 2017

- Analysed general knowledge bases
- Constructed an automatically generated Knowledge Base mined from Common Crawl with seeds from DBpedia using Python with spaCy and RDFLib

STUDYING IMPACT OF INTERNATIONAL STOCK MARKETS ON INDIAN STOCK MARKETS

August 2016 – November 2016

- Built SVR predictive models for stock markets in Python achieving MAPE of 1.1%
- Performed causality analysis between different stock markets using these models

CUISINE CLASSIFICATION

February 2016 – April 2016

- Achieved an accuracy of 78.3% in classifying cuisines in 12 classes based on ingredients
- Designed two-level supervised learning models in Python

CLASSIFICATION OF MALWARE FILES

July 2015 – November 2015

- Built a system in Python using NLTK, scikit-learn to classify malware files
- Achieved an accuracy of 91.5% with AdaBoost

SHUTTERING PLATES MANAGEMENT SYSTEM

October 2014 – Dec 2014

- A desktop application developed for a client to manage his business
- Implementation with Java, Swing; database MySQL

TECHNICAL SKILLS

Proficient: Python, Java,
Beginner: R, C, SQL, MongoDB, HTML, CSS, JavaScript

ACTIVITIES

Coordinator in NuHope
Member of Computer Society of India
Photography, Reading, Travelling, Board Games