

MOHIT GALVANKAR

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EDUCATION

Indiana University, Bloomington, IN.

AUG 15 - MAY 17 (Expected)

Master of Science in Data Science

University of Mumbai

AUG 11 - MAY 15

Bachelor of Engineering in Computer Science

TECHNICAL SKILLS

Programming: JAVA; Python; C#

Databases: MySQL; Oracle 10g; MongoDB

Machine Learning: Regression; Decision Trees; Clustering; Gradient Boosting; SVM; Ensemble Learning; Neural Networks

Web Development: HTML; CSS; PHP; Javascript

Others: Git; Adobe Photoshop; MS Excel; CorelDRAW; FL Studio

WORK EXPERIENCE

Teaching Assistant (*Design and Development of an Information System I495*)

JAN 16 – Present

- Involves helping students implement an information system – Android/iOS app, E-Commerce website, etc; by conducting weekly assessment meetings, proficiency testing and guiding them through the various stages of development (Agile).

Teaching Assistant (*Information Representation I308*)

JAN 16 – DEC 16

- Helping students learn basic web development, information processing, ERD designing, database management, etc.
- Involves conducting lab sessions and lectures, engaging students in problem solving and logical reasoning, grading assignments, projects and solving queries.

PROJECTS

Artificial Intelligence based projects (*Python*)

AUG 16 – DEC 16

- Email Spam Detector – (Compared efficiency of Naïve Bayes and Decision tree)
- Part-of-Speech Tagger using Viterbi Algorithm
- Tetris game AI bot
- Reverse Tic – Tac – Toe AI game using Min-Max algorithm

Analysis on Monks and SPECT dataset (*Python, WEKA*)

AUG 16 – SEP 16

- Implemented a decision tree with ensemble learning methods – bagging and boosting, to analyze the dataset and understand the working of a decision tree.

Ambition The Film Analysis (*Python, Tableau, Sci2*)

MAR 15 – MAY 15

- Involved working with a real world client, analyzing social media data from twitter, youtube; about the target topic (Ambition The Film) and providing insight on how it fared by compiling a report based on user feedback (comments, likes, views).

Data Mining using Wolberg's Breast Cancer Data (*R, k-means and knn library*)

SEP 15

- Analyzed wolberg's breast cancer dataset using k-means clustering to classify if the tumor is benign or malignant

Sentiment Analysis on twitter (*C#, SQL Server 2014*)

NOV 14 – MAY 15

- Involved collecting tweets from twitter about any subject (movie, actor, etc)
- Pre-processing of tweets, calculating the polarity (positive or negative) of each tweet by using AVA (Adjective-Verb-Adverb) combinations and then finding out the total mean sentiment of the subject.

Spaceship Shoot-em-all game (*C++ with Allegro Programming library, FL Studio*)

MAY 14 – DEC 14

- Designed the game storyline, GUI and developed the background music score on FL studio.