Mohit Galvankar

PROJECTS

Graduate

OCT – DEC 15

Bloomington Transit Optimization

Tools used : Python, MySql, R.

Optimizing bus system by using data mining techniques to identify the factors affecting the ETA time of the bus at any given destination and finding possible solutions to minimize the error efficiently.

Undergraduate

NOV 14 – MAY 15

Sentiment Analysis on twitter

Tools used : Java, C# , Python, SQL Server 2014

Involved collecting data (tweets) from twitter about any subject (movie, actor, etc.), pre-processing of tweets, calculating the polarity (positive or negative) of each tweet and then finding out the total mean sentiment of the subject.

MAY – DEC 14

Spaceship Shoot-em-all

Tools used : Microsoft Visual Studio - C++ with Allegro Programming library, FL Studio.

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

JAN – MAY 14

Environmental project on endangered turtle species in India

Tools used :- Python, MongoDB, HTML, Javascript, PHP

Involved spreading awareness regarding the alarming decline of certain turtle species and the conservation projects undertaken in India to protect the same. Interacting with locals, collecting relevant data and applying data mining to discover new trends, patterns that can further help to improve such projects.

SEP 13 – DEC 14

University Feeback Form System

Tools used : Java, MySQL, SDLC and SDTC concepts, Manual testing.

Programmed the user interface and designed the database to handle large sets of structured data and analyze the same to find answers and patterns to make necessary changes to university rules and regulations.

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EDUCATION

2015 – 2017	**Masters of Science** DATA SCIENCE *Indiana University-Bloomington*
2011 – 2015	**Bachelors of Engineering** COMPUTER ENGINEERING *University of Mumbai*

COURSEWORK

Graduate

Introduction to Statistics
Algorithms Design and Analysis
Data Mining

Undergraduate

Database Management Systems
Distributed Systems
Software Architecture
Operating Systems

MOOCs

Web Scraping in Python
Introduction to R

SOFTWARE SKILLS

LANGUAGES	Java, Python, SQL
DATABASES	Oracle, MySQL, MongoDB
DATA SCIENCE	R, RStudio, MS Excel, Tableau
WEB	PHP, JavaScript, HTML, CSS
IDEs	Eclipse, NetBeans, PyCharm
OTHERS	GIT, Corel Draw, Adobe Photoshop, MS Office