Mehrabi Hasan

github.com/MehrabiHasan
Mhasan11@masonlive.gmu.edu
(540) 361 5302
https://www.linkedin.com/in/mehrabi-hasan/

Education

Major: Computational Data Science| Minor: Data Analysis | George Mason University| GPA: 3.2

Skills

Languages:Python, R

Databases: SQL (SQLite, PostgreSQL,MySQL)

Commericial Software: SPSS, SAS, MatLab, Tableau

Other Knowledge: Netlogo, LateX

Extra-Curricular

Founding President of Mason Data Science
September 2018 - Current
-Organized Meeting & workshops
- Gather Speakers and formulate projects
- Spread Awareness of Data Science to Mason student Body

Business Owner of Island Studios
June 2017 - Current
- Helped Lead a small team of Graphic Designers and Programmers
- Mainly used Game Maker Studios and Unity to develop innovative gaming.

Externship at United States Patent and Trademark Office
July 2015 - August 2015
- Mentored under Alford Kindred on the Patent Process
-Interviewed supervisors and engineers to get hands on information

Mission Statement

Passionate Data Science student looking to find unique business solutions through Machine Learning and Data Analytics currently looking for internship or part time roles.

Relative Projects

May 2019 — Diffusion of Innovation Simulation (Netlogo)
Using Netlogo, simulated the concept of Diffusion of Innovation or how the idea of technology or ideas spread throughout a population.

Sept 2019 — Sentiment Analysis Dashboard(Tableau/Python)
Scraped Reddit posts from R/Liberal and R/Conservative.
Created an interactive dashboard for users to see the difference in Sentiment score between the two subreddits

Nov 2019 — Corner Pocket Analysis (Python/R)
Analyzed and assessed the current needs of the on-campus game room.
was able to uncover issues with game counters thats gone unnoticed
Created metrics and benchmarks used to determine the quality of newly acquired arcade machines.

Nov 2019 — Traffic Modelling by Music (Netlogo)
Building upon Uri Wilensky "Traffic 2 lanes", we simulated if cars listening to different music tempos had an effect on the flow of traffic in the highway.

Dec 2019 — Event Feedback Sentiment Analysis (Python)
Analyze and ran a sentiment analyzer on feedback form given after on-campus events.
Analysis allowed us to discover new ways in handling with customer satisfaction
Sentiment Analysis done through TextBlob and VADER

Relative Work

June 2018 — Move Crew Volunteer Analysis (Excel,R)
Helped define assessment and analysis to GMU Housing
Helped define parameters and KPIS for volunteers and Supervisors
increased productivity by using classification to provide accurate placement of student needs.

Aug 2019 — GMU Student Centers Data And Assessment Specialist (Python,SQL)
Defined Assessment goals for 2019 - 2020
Help create and maintain Data Centered products
Aid Marketing Strategies through Customer Analysis
Provide Accurate Documentation and Reporting
Helped lay foundation for Data Science

Relative Knowledge and Classes

Knowledge — Natural Language Processing, Social Networks, Uni variate Statistics, Multivariate Statistics, Probability, Multivariate Calculus, Classification, Clustering, Business Analytic, Machine Learning

Relative Classes

CDS 151: Data Ethics in an Information Society
CDS 201: Introduction to Computational Social Science
CDS 230: Modeling and Simulation I
CDS 251: Introduction to Scientific Programming
CDS 301: Scientific Information/Data Visualiation
CDS 302: Scientific Data and Databases
CDS 303: Scientific Data Mining
CDS 411: Modeling and Simulation II
CDS 403: Applications of Machine Learning
CSI 500: Computational Science Tools