Mustafa Alsaegh

Curious, honest, passionate for Data Science, Business Intelligence,
Cloud computing; Strives to apply best practices in AI/ML/Data projects;
2+ years of Experience in Software Development & IT

(812) 361- 0677
malsaegh1@gmail.com
in mustafaalsaegh
Bloomigngton, IN
(willing to
relocate)

Skills

- **Languages**: `Proficient:` Python, R, SQL, LaTeX | `Familiar:` JavaScript, HTML
- **Tools**: AWS, Tableau, Power BI, Microsoft Azure, MySQL, Oracle
- **Interests**: Cloud computing, Machine learning, Data modeling/collection/cleaning/processing, Spark, TensorFlow, Regression, Web scraping, Excel (Vlookup, Pivot table, macros)

Education

- **Indiana University Bloomington (IUB)** | *MSc– Data Science.*   Aug 2021- Present
  Cumulative GPA: 4.0/4.0

- **Indiana University East (IUE)** | *BSc – Business Administration,*   Graduated Apr 2020
  Cumulative GPA: 3.64/4.0; Dean's List 2018-2020

Academic Projects

- **r/WallStreetBets DD Recommender**: Created a model to make the access to stock research easier. Aimed to help busy retail investors quickly filter out the best stock trends. Currently gathered over 500 sign ups through the landing page built with Google Firebase. Preprocessed and labelled large amounts of data (Python, PySpark, SparkNLP) and trained a model with the Naïve-Bayes algorithm which can detect if a reddit stock post is good or bad with 70% accuracy (scikit-learn).
- **Twitter Fake News Detection**: The aim of this project is to help news readers to identify bias and misinformation in news articles in a quick and reliable fashion.
- **Recommendation Engine**: Designed and implemented movie recommendation application in 4-person team using Python in 7-day hackathon. Enabled users to be recommended movies based on 50+ data points.

Experience

- **IT Developer**   Jun 2015 – Aug 2017
  B F G - Located in Bahrain   `[SQL, APIs, Adobe]`
  - Integrate data into applications from various data sources including MySQL databases, web services and APIs
  - Interacting with different departments within the organization regarding new deployment
  - Ensuring the best performance and user experience of the application
  - Fixing bugs and performance problems

- **Junior Software Developer**   Jul 2014 – May 2015
  S A Y G (Entry Level Programmer) - Located in Bahrain   `[HTML, JavaScript]`
  - Helped to develop high impact mobile value-added-service products, applications, & content for the mobileoperators, mobile subscribers, business entities, & handset makers in Bahrain
  - Assisted in developing HRMS which is a platform that manages many of the routine HR processes in an organization.

Volunteer

- **Web Guild, Chipy**: (Remote) Working and maintaining Chipy.org   Dec 2021 – Feb 2022
- **Tech Support intern, Middle Way House**: providing technical support/training on Microsoft products to users or conducting efficiency analyses to improve LAN performance.   Jun 2018 – Jun 2019

Certificates

- **Amazon Web Services** | *Cloud Practitioner, Developer, Solution Architect.*   Jan 2022- In progress
- **Certified Lean Six Sigma Green Belt** | *IASSC*   Jan 2017