# AMAAN SYED

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*I am an engineering data science student graduating in summer 2024, actively seeking internship and full-time data science roles. My architectural background ignited my passion for data-driven solutions during an internship at Aslam Architects. With self-taught data science skills, I am eager to gain real-world experience and continuously evolve.*

*LinkedIn@ https://www.linkedin.com/in/syed-amaan-960627213/ GitHub@ https://github.com/asyed30/Python-Projects*
*Behance @https://www.behance.net/syeda5/projects*

## EDUCATION

**Master of Science in Engineering Data Science** Expected May 2024
University of Houston GPA: 4.0 /4.0

Relevant coursework: Data Visualization, Data Mining, Predictive Analytics, Cloud Computing, Machine Learning, Probability and Statistics, Data Analysis in Construction Management, Artificial Intelligence (Current), Database Management System(Current), Digital Image Processing(Current), Introduction to Data Science(Current)

**Bachelor of Architecture** 2017 - 2022
National Institute of Technology, Raipur GPA: 8.06/10

## SKILLS

**Technical Skills** Python, R Studio, R, Brackets, SQL, Anaconda, Adobe Creative Suite, V- Ray, Revit, Adobe Photoshop, AutoCAD, Adobe Premiere Pro, SketchUp, Lumion**.** Microsoft Excel, Word, PowerPoint

**Data Skills** Web Scraping using Beautiful Soup, Data Cleaning, Data Analysis, Data Visualization using Tableau, working with JSON, Leadership, Video Editing, Management, Music Composition

**Programming Skills** Python Syntax & Semantics

**Creative Skills** Video Editing, Music Composition, Photoshop Rendering

**Certifications** Data Scientist's Toolbox; Python to Access Web Data; Google Foundations: Data, Data Everywhere; Python Data Structures; Getting Started with Python; C, C++ *(TATA-Ion)*

**License** Architect, COA- India

## EXPERIENCE

**Aslam Architects and Interior Designers: Architect Intern** June 2021 – January 2022

- Collaborated on diverse projects (e.g., malls, film studios, residential buildings), managing client requirements effectively.
- Integrated architectural design with data analytics tools (Excel, Python, SQL) to create precise energy prediction models.
- Transformed complex data into engaging visual stories using Tableau and Adobe Creative Suite for enhanced data communication.

## PROJECTS

**Women's E-Commerce Clothing Reviews Sentimental Analysis**

- Sentimental analysis involved predicting the emotional tone of women based on the reviews provided in the Review Text.
- Analyzed the words within the review text to predict whether the sentiment is positive, neutral, or negative.
- Performed data cleaning including tasks such as removing STOP words and employed data visualizations to exact meaningful insights from the dataset.
- Applied machine learning and deep learning techniques methodologies such as Random Forest, Naïve Bayes, Logistic Regression, Deep Neural Network and Ensemble model, including k-cross validation, hyperparameter tuning and model evaluation metrics considered are Confusion Matrix and ROC.

**HTML Anchor Tag Crawler**

- This project involves writing a Python program that utilizes the *urllib* library to read HTML content from specified data files.
- The program focuses on extracting the *href* values from anchor tags within the HTML content.
- It scans for a specific tag that is in a predetermined position relative to the first name in a provided list.
- The program then follows that link, repeating the process a defined number of times, and ultimately reports the last name it finds.