

Johnlouis Dahhan

www.github.com/jdahhan | jdahhan@nyu.edu

1 (347) 837 7666
Staten Island, New York

EDUCATION

New York University, Tandon School of Engineering
B.S. in Computer Science, Minor in Integrated Digital Media

- GPA: 3.7

Brooklyn, New York
Sept. 2018 – June 2022

EXPERIENCE

STEM-Away

Remote

Technical Lead

June 2021 – August 2021

- Coordinate programming for a project replicating research done in [Learning the Structure of Biomedical Relationships from Unstructured Text](#), a 2015 research paper by Percha and Altman.
- Employ techniques including supervised and unsupervised biclustering, web scraping, XML parsing, and dependency parsing to cluster drug-gene relationships in over 23 million unorganized medical articles distributed across dozens of gigabytes of XML files.
- Help familiarize peers with programming techniques and libraries being used.

New York University Tandon

Brooklyn, New York

Teaching Assistant

Sept. 2020 – PRESENT

- Collaborate with professors in grading and creating homework assignments and laboratory exercises for a data structures and algorithms course of roughly 200 students.
- Educate students on topics in data structures, algorithms, file I/O, and object oriented programming in Python.

Caddell Prep

Staten Island, New York

Tutor

Dec. 2018 – Aug. 2019

- Trained students aged K-12 for various standardized tests in individual and group settings.

PROJECTS

[Fake News Filter](#) — Python Jupyter Notebook (Scikit-learn, NLTK, Matplotlib)

Dec. 2020

- Created a fake news filter based on a dataset of 45000 news stories using various support vector machine, neural network, and logistic regression based models.
- Achieved a test accuracy above 97%.

[Databases Demo Website](#) — HTML, SQL, Python (PyTorch, Matplotlib)

June 2021

- Collaborated with a classmate to build an airline management website using HTML and CSS for front end development and pyTorch and mySQL for back end development.
- Built an SQL relational database with 13 interconnected tables and 26 HTML pages from scratch. Provided data visualization functionality using matplotlib.

[Western Side Scroller](#) — p5js (p5play library)

Dec. 2020

- Used object oriented programming in p5js as well as the p5play library to make a basic side scrolling game.

SKILLS

- Experience working with networking and network security, artificial intelligence, data structures and algorithms, blockchain technologies and smart contracts.
- Currently studying distributed computing, concurrent programming, game development, and front end web development.
- Experience in various multimedia platforms such as Reaper, FLStudio, Final Cut Pro, Adobe Premiere, Adobe After Effects, Maya, Inventor, and AutoCad.