

Adem H. Kolenovic

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Education

New York Institute of Technology | New York, NY

September 2019 – December 2021

Bachelor of Science in Computer Science: Big Data Management & Analytics, GPA 3.11

Bergen Community College | Paramus, NJ

January 2017 – September 2019

Associates of Nat. Sciences & Mathematics 120 Credits, GPA 3.38

Skills

Programming: Java, Python, JavaScript, SQL, PostgreSQL,

Platforms: Linux Ubuntu, Windows

Software: Android Studio, GitHub, Jupyter Notebook, Apache2, Spark, Delta Lake, Docker, HDFS, Hadoop

Communication: Design proposals, technical reports, presentations

Work Experience

First Services Residential | Union City, NJ

May – May 2018-2019

Assistant Superintendent

Relevant Projects

Personal Website

Individual, Linux Apache2 MySQL PHP

A website hosted on a personal Linux server with the goal of showing my portfolio and myself.

SpeakEasy Project

Individual, Jupyter Notebook, Delta Lake

Web scraped NYC housing rentals with the goal of searching for a good deal.

FitHub

Team-based, Java, XML, Firebase NoSQL, Python, TensorFlow, Keras, Jupyter Notebook

A social media platform used to inspire exercise during the pandemic and ensure friends can hold each other responsible with image authentication. Users can add friends, upload images, and compete on a leaderboard.

- Created the FireBase database and account creation functionality
- Created icons and assets used

Twitter Sentiment Analysis

Team Lead, Jupyter Notebook Python Pandas Numpy NLTK textblob

Analysis of the most recent tweets of a select group compared with another group with the goal of seeing if one group is more positive or negative compared to the other.

- Connected to the Twitter API via SSH key
- Cleaned the text data from all emotes and symbols
- Implemented the polarity model and assisted with sentiment model

Zoom Attendance App

Team-based, VueJS PostgreSQL Docker

An attendance tracker on zoom for students to sign-in and professors to view the class. The goal being to cut down on the time wasted on attendance for classes.

- Created the PostgreSQL database and ER model.
- Assisted with VueJS, functionality of the sign-in sheet.

NYC Housing Data

Team Lead, Jupyter Notebook Python

Data mining process on 2018 NYC Housing Sales data, with goal of predicting future sales location and price.

- Cleaned the data, analyzed the data, created model for the data
- Data visualization, creation of scatterplots, heatmaps, and bar graphs