ABDULLAHI O. AYANTAYO

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https://github.com/AbdullahiAyantayo/

SUMMARY

Computer Science student with 1+ years' experience in object classification, data analysis, and machine learning algorithms. Highly flexible and timely, managing full-time college and an on-campus job with excellent technical skills.

EDUCATION

Wayne State University, Detroit, MI — Expected Graduation: May 2024

Bachelor of Science in Computer Science GPA: 3.27

Relevant Coursework: Calculus 3, Linear Algebra, C++

SKILLS

Engineering: Python (Pandas, Sklearn, xgboost, NumPy), C++

Machine Learning: Keras, TensorFlow, Pytorch, Random Forest Classifier, Logistic Regression, Linear Regression, Lasso and Ridge Regression, Clusters

NLP: nltk, spacy

Data Visualization: Matplotlib, Seaborn, Plotly

PROJECTS

- Built Time Series Forecasting of the Armed Robberies in Boston using Linear Regression model of sklearn
- Created a Logistic Regression model of sklearn to predict the ham/spam mail of a dataset
- Developed Logistic Regression model of sklearn to predict the sentiment of a sentence
- Used sklearn to recommend movies like the one inputted by the user
- Optimized xgboost for the house price prediction

EXPERIENCE

Undergraduate Teaching Assistant (CSC 1100), Wayne State University — January 2022 – Present

- Teach and Mentor students in C++ programming language
- Solve and respond to students' questions and concerns via email
- Conduct meetings with fellow TAs and professor

Undergraduate Research Assistant – theCARLAB, Wayne State University — July 2021 – Sept. 2021

- Built object detection models for weather detection using TensorFlow (Keras)
- Collaborated with a PhD student on a weather detection model

Camp Instructor, Wayne State University — June 2021 – August 2021

- Worked with co-instructors to created lesson plans to mentor and guide K-12.
- Collaborated with instructors to facilitate the camp activities.
- Developed student in optimization through engineering projects.