

Jonathan Leverenz

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*Task-Oriented Python Developer that loves developing innovative solutions to problems.
Experience with Python, HTML, JavaScript, Django, react, and associated technologies.
Passion for creating applications that are visually appealing and secure for*

Technical Skills

Languages: Python, Javascript, HTML, MySQL

Technologies: Tableau, Flask, Pandas, SQLite, Tensorflow technologies

Projects

Homeless Analysis | https://github.com/smsheehan/Class_Project

- Used a large collection of Coc and county data to predict homelessness in cities with ML
- Cleaned data using pandas and set up a development SQLite3 Database to store data.
 - **Machine Learning Algorithms (Linear Regression, KMean, Neural Network)**
 - **Tableau**
 - **SQLite**
 - **Pandas**

Speech Emotion Analysis | <https://github.com/JonLev03-hub/Speech-Emotion>

- Used python to modify audio files from RAVDESS, creating a machine learning model that can predict the emotion in speech with an 82% accuracy.
 - **MLPClassifier**

Experience (3 Months)

Stock strategy analysis | Private contract | Remote Location| December 2021 - February 2022

- Created a program to evaluate stock strategy performance routinely.
- Stock portfolio increased theoretical performance by 20%.
- Successfully identified 4 losing strategies inside of a portfolio using python

Certifications

Data Science Certificate: Butler University, Indianapolis, IN | March 2022

CompTIA A+ Certification: CompTIA A+ computer certification | Apr 2017 · Expired May 2020

Education

Certificate, Data Analytics, and Visualization: Butler University, Indianapolis, IN | December 2021 - March 2022

Bachelors, Computer Science: Ivy Tech University, Indianapolis, IN | January 2020 - Current

Unrelated Work Experience

Assistant General Manager: Indianapolis, IN | 2018 - July 2021