TAI'VEYON SHAW
DATA SCIENTIST

Profile

I am a recent graduate from Western Washington University (WWU) with a Bachelor of Science in Data Science. As a Data Science major, I have experiences in data analytics, data manipulation, statistical modeling, and data visualization using tools such as Python's scikit-Learn, Matplotlib and Seaborn as well as modeling tools in Pytorch, TensorFlow and XGBoost. I am eager to learn new concepts as a developer to deliver high-quality, user-friendly applications as well as performing data analytics and implementing machine learning models in a developing career.

EXPERIENCE

WEB DEVELOPER 2
WWU Entertainment Application Services
2021 - 2023

- Created and converted OnBase forms from Unity forms with inclusion of accessibility.
- Programmed in Groovy with implementation of SQL to automate a fluid file manipulation from OnBase to excel format.
- Experienced work environment scheduled meetings.

PROJECT(S)

SPEAKER CLASSIFICATION TASK
Western Washington University
2023

- The problem at hand was to identify the probability of two .wav files coming from the same speaker.
- Inspired by the VGG architecture, I approached this problem using a Convolutional Neural Network (CNN) with a VGG-16 architecture.
- CNN performs best with photographic input, therefore, I converted the .wav file into a Mel spectrogram and wrote my own cutting and padding methods to accommodate for differences in length of the .wav files.

DETAILS

☎ 360-720-0530

✉ taiveyonshaw@gmail.com

📍 Bellingham, WA 98225

LINKS

🌐 Github

🌐 LinkedIn

EDUCATION

BACHELOR OF SCIENCE, DATA SCIENCE

Western Washington University (WWU)

2019-2023

MINOR(S)

- Mathematics
- Japanese

SKILLS

- Neural Networks
- Machine Learning
- Front end Coding
- Database
- Problem-Solving
- Fluent in Japanese