

BRANDON LUKE WILLIAMS

WEB DEVELOPER

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SUMMARY

Enthusiastic and dedicated web developer with a keen interest in machine learning and deep learning. As a web developer and college student, I'm currently immersed in the dynamic worlds of data science and machine learning. My passion for coding is the driving force behind my journey. With a keen ability to adapt to different technologies, I thrive on the challenges and opportunities they present.

SKILLS

- React.js
- Bootstrap
- Keras
- Socket.io
- Node.js
- MongoDB
- Tensorflow
- Git
- Express
- Python
- FireBase
- Sql
- Tailwind
- OpenCv
- Flask

PROJECTS

SpeakSphere (An online debating platform with content moderation using CNN and NLP)

Website Link : <https://speaksphere.onrender.com/>

A dynamic debate platform using MERN stack, integrating NLP for inappropriate words detection during creation of articles, comments, replies and Convolutional Neural Network for sexual or violent images during article creation.

Speech Emotion Analysis using CNN and Spectrograms

Website Link : <https://emotiondect.onrender.com/>

A Convolutional Neural Network based deep learning model which utilizes spectrograms of audio files to analyse emotions behind human speech. This project utilizes the Ryerson Audio-Visual Database of Emotional Speech and Song (RAVEDESS).

Personal Portfolio

Website Link : <https://brandonqjcj.onrender.com>

A personal portfolio implemented using React.js and Tailwind.

LetterTrap

Website Link : <https://lettertrap.onrender.com/>

A multiplayer rendition of the popular game wordle implemented using Node.js, Express and socket programming.

EDUCATION

Bsc Computer Science Honours

St Xaviers College, Kolkata • 2020–2023

Master of Computer Applications

IJadavpur University • 2023 - Ongoing

ACHIEVEMENTS

- Achieved 5th rank in WBJECA (Joint entrance Exam for Computer Applications)
- Came in second place at Synchronicity S1 Hackathon held at Jadavpur Salt Lake Campus