Chinedu Enwere
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Education

University of Texas at Austin — August 2017 – May 2021

Employment

Microsoft, *Explorer Intern* — May 2019 – August 2019
- Trained deep learning models and used generative adversarial networks (GAN) on Microsoft's Deep Learning Training Service (DLTS) to create a website that performs a style transfer on user selected images.
- Wrote the documentation for the DLTS and DeepScale services provided by Microsoft.

Microsoft, *Software Engineering Intern* — May 2020 – present
School of Social Work, *Student Associate* — January 2018 - present

Projects

Audio-Sapien| **Python, C++**
- Developed an accessibility tool composed of a RPLIDAR and a Raspberry Pi, which converts the surround space in to a soundscape, which allows for better navigation for the hearing impaired.
- Added a visualizer to map surrounding area for ease of use. Implemented via the RPLIDAR API.
- The project has been taken over by Microsoft and is currently Microsoft intellectual property

UT Whispers | **NodeJS, ExpressJS, JQuery/JavaScript** | www.utwhispers.me
- Developed an anonymous chat app for students attending the University of Texas at Austin to be used as a safe space for students to express their current sentiments about the university. Stored chats in a MongoDB database, which were deleted every 24 hours.
- NPM packages used in the app: ejs, nodemon, express, body-parser and mongoose.

BitMex Trader Sentiment Bot| **Python, NodeJS**
- A web app that executes a Python script which calculates current sentiment of traders on BitMex. Trader sentiment is posted to the chatbox once every 4 minutes and a complete summary is posted once every hour.
- Script makes use of BitMex API for chatbox data and chatbox access. Sentiment is judged and calculated via certain key words and makes use of the NLP library, TextBlob, for more accurate results.

Rate My Longhorn| **JavaScript, HTML, CSS**
- Developed Chrome extension that allows students to search the Rate My Professor website with searches only including UT faculty. Allows users to narrow faculty by department for more efficient searching.
- Used the Rate My Professor API to complete the extension.

Stellar Lumens Tracker| **JavaScript, HTML, CSS**
- Developed a Google Chrome Extension to track the price of the cryptocurrency, Stellar Lumens.
- Provides interactive graph for technical analysis (for traders), hourly price notifications and updates, as well as allow users to set price alerts.
- Used of the CoinMarketCap, CoinGecko, and Chrome API's for the data needed to complete the extension.

Relevant Coursework

Data Structures, Discrete Math, Computer Organization and Architecture, Operating Systems, Algorithms

Affiliations

National Society of Black Engineers, *Alumni Communications Chair* — August 2018 – present
Longhorn Intramural Basketball, *Co-captain* — January 2018 – May 2018
Association of Black Computer Scientists, *Member* — August 2017 – present
Toastmasters, *Member* — August 2018 – present
Mobile App Development (MAD), *Member* — August 2017 – September 2018