

Kenneth Onuorah

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Education

Austin Community College (Austin, TX)

June 2020 - May 2023

- Candidate for Associate of Science in Computer Science - Computer Information Systems, GPA: 3.667

Relevant Computer Science Coursework

CS 302 - Computer Fluency (University of Texas at Austin, College of Natural Sciences)

August 2019 - December 2019

- An introduction to the fundamental concepts of computing, including Python, and the creation of functions and variables

COSC 1336 - Programming Fundamentals I (Austin Community College)

January 2021 - May 2021

- An introduction to the fundamental concepts of structured programming, including software development methodology, data types, functions, and arrays

MATH 1324 - Business & Economics Math (Austin Community College)

January 2021 - May 2021

- A course in finite mathematics that covered linear equations and inequalities, functions and graphs, and exponential and logarithmic functions

Computer Science Experience

Data Scientist Intern - Dell Medical School at the University of Texas at Austin (Austin, TX)

September 2021 - June 2022

- Worked with the team in the Multiple Sclerosis (MS) Imaging and Outcomes Lab (PI: Léorah Freeman, MD, PhD)
- Supported data analysis for the CopeMS Study, a longitudinal survey study that assessed the direct and indirect impact of the COVID-19 pandemic on over 500 people with MS
- Processed over 2000 documents of raw survey data from Elasticsearch using Jupyter Notebook
- Created visualizations in Kibana for data analysis that project COVID-19 vaccination trends among people with MS and presented findings with lab members

Skills

Languages: HTML, CSS/SASS, JavaScript/JSX, Python | **Version Control:** Git | **Frameworks:** React.js

Projects

React Music-Player Application

- A React web application that allows users to create and edit their own playlists, as well as upload music to them.
- Developed with JSX and CSS for the frontend, and the LocalForage storage library for backend support

React Weather Application

- A React web application that reports weather and temperature forecasts based on a given location.
- Developed with JSX and CSS for the frontend, along with Axios for HTTP requests, Redux for state management, and React Router v6 for routing and navigation

React Task Manager Application

- A React web application for users to create and manage errands and tasks.
- Developed with JSX and CSS for frontend, and JSON-server for backend support

Vanilla JS Music Player Web Application

- A web application where users can upload and listen to audio files from their local filesystem directories.
- Developed using HTML, CSS, and JavaScript for frontend, and the LocalForage storage library for backend support

Abstract: COVID-19 Vaccination Intent and Uptake in People with MS: A Longitudinal Survey Study

- Second-author abstract submitted to the 2022 Annual Meeting of the Consortium of Multiple Sclerosis Centers
- Investigated vaccination intent, uptake, and attitudes on vaccinations in the MS community using Kaplan-Meier estimates

Honors and Interests

Awards: CMSC Best Platform in MS Research Award, ACC Academic Excellence Award, Moody Scholarship Award, AISD African-American Heritage Scholarship and Academic Excellence awards, Lanier Viking Gold Award in Computer Programming

Interests: Developing web applications and pages, creating digital art, playing video games, listening to rock music