

Terrence Charitable

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EDUCATION

Florida Atlantic University Boca Raton, FL
Bachelor of Science in Computer Science
Certification in Data Science May 2022
GPA: 3.6/4.0

RELEVANT COURSEWORK

Intro to Programming in C, Foundations of Computer Science, Introduction to Logic Design, Intro Microprocessor Systems, Introduction to Internet Computing, Database Structures, Digital Image Processing, Computer Operating Systems, Intro to Deep Learning, Intro to Artificial Intelligence, Principles of Software Engineering

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, MATLAB, PHP, SQL, Node.js

Web Development: jQuery, HTML5, CSS

Software: Photoshop, Illustrator, InDesign, Premiere, SolidWorks, Mastercam

ACADEMIC PROJECTS

Event Planning Website (*Principles of Software Engineering May – July 2021*)

Created a website which allows users to find and sort through events to go to with friends or acquaintances. Provides a recommended list of events that they can go to based on filters used during the search process. This includes a friend system allowing the user to see events that their friends are going to.

- Tools used: *JavaScript, HTML5, CSS, JavaScript, jQuery, PHP, SQL*

Fitbit Data Extractor App (*Self-Guided, May-June 2021*)

Created a Fitbit app capable of extracting the gyroscope and accelerometer data from a Fitbit and uploading the data into Google Sheets where the X,Y and Z were of both the gyroscope and accelerometer data was graphed.

- Tools used: *JavaScript, Fitbit API, Google Sheets, App Script API*

Deep Learning (Intro to Deep Learning, Spring 2021)

Created neural networks that increased in complexity throughout the course of the class with the capability of differentiating between sets of images containing hand drawn 0's, 1's, and 2's.

- Tools used: *Python*

RELEVANT WORK EXPERIENCE

Code Ninjas

Boca, FL

Tutor

January 2020 – April 2021

- Educated kids on beginner level programming concepts
- Added activities to the curriculum that allow kids to improve problem solving skills
- Provided technical support by installing and configuring programs that improve the user interface while being tutored