EMMANUEL AMOBI

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Skills

LANGUAGES

Python
Java (jFrame, JSwing)
Html
Css
Javascript
SQL

TOOLS

Git
Github
Bash/Cli-terminal
Android Studio
Intellij
Vs Code

COURSEWORK

Object Oriented
Programming (Intro)
Object Oriented
Programming
(Intermediate)
Data Structures &
Algorithms
Software Engineering
Discrete Structures
Game Dev
Database Programming
and Design

Education

Loyola University Chicago   May 2021
B.S. Software Engineering, Mathematics Minor
GPA 3.9/4.0
Dean's List - 4 semesters

Projects

Twitter Trends Sentiment Analysis (React Js, Node js, Python)   Spring 2019
- Developed a React UI to display data analyses from Node js server about Twitter Trends
- Used python to develop machine learning for sentiment analysis of the tweets

Twitter Parser (Python)   Spring 2019
- Collaborated with a team member to create the project using test driven development practices
- Parsed Twitter message to extract useful information such as hashtags, user mentions and urls
- Developed using regex to match patterns in the data

Experience

MUSLIM AMERICAN LEADERSHIP ALLIANCE(MALA)
Software Engineer Intern(web development)   Summer 2019
- Developed a website for MALA using React Js and Next Js(A React framework)
- Used Wordpress as a headless CMS(for managing content i.e Photos, videos, etc)
- Used Express Js custom server for handling data fetching

Department Of Computer Science   Loyola University Chicago-IL
Computer Science Tutor   Fall 2019 to Current
- Tutored Computer Science(and other related majors) students of all grade levels
- Explained difficult and abstract concepts in an easy to grasp way in a variety of different CS disciplines including Algorithms, OOP, etc.
- Helped students to debug their code and offered helpful tips on their projects
- Offered helpful material and resources to students for further guidance and advice

SOFTWARE SYSTEMS LABORATORY(SSL)   Loyola University Chicago-IL
Back end developer for Software Metrics   Fall 2019 to Current
- Create python cli interface to fetch relevant data from public github repos using the github api
- Store the data in database to use for analysis by machine learning

ACM RICHARD TAPIA CONFERENCE · Scholarship Recipient   Sept. 2019
- Attended the Richard Tapia Conference 2019 held in San Diego

Smartcar x .dev Hackathon · Team Member   Feb. 2019
- Worked together in team of 4 using Smart Car Api (Also use secondary apis i.e google maps)
- Created a web application using html, css and javascript, and flask as the server

DON'T PANIC!(Cs Programming Club) · Member   Aug. 2018 to Current
- Recruited and provided assistance to new members

African Students Alliance · Eboard Member   Aug. 2017 to Current
- Helped in organization of events and giving informative presentations

Ping Pong ClubMember   Aug. 2017 to Spring 2019
- Helped organize and train participants for multiple ping pong tournaments
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