Oscar Lara

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EDUCATION

Hunter College — Manhattan, NY
Bachelor of Arts in Computer Science — *Aug. 2018 – June 2022*

CodePath — Remote, NY
Technical-Interview Prep Course (10-Week) — *September 2022 - October 2022*

EXPERIENCE

Computer Lab/Office Technical Assistant — January 2019 – June 2021
Hunter College — *Manhattan, NY*
- Trouble Shooting software problems, Device problems
- Performed Software/Application updates to facilitate the operation of all devices
- Maintained devices, and updated time-sheets of lab availability

Coding Coach at CodeSpeakLabs — February 2021 - Present
CodeSpeakLabs — *New York, NY*
- Utilize coding websites such as Scratch,BitsBox,Replit to help students aquire skills in JavaScript,HTML,CSS,Python
- Communicate with coding coach supervisors to set up campus computers used on campus, student's accounts for each platform utilized
- Assess and troubleshoot Chromebook/website problems brought by students
- Maintain upkeep of student project links, classroom equipment, along with student progress.

PROJECTS

Crime Rates: The Bronx | *Python, Pandas, PandaSQL* — December 2021
- Developed a website to display data collected from NYCOpendata.org based off crimes comitted in the Bronx, to help give a simple overview of the safest districts.
- Utilized multiple Python libraries to collect/clean data from multiple data-sets.
- Visualized Numeric,Non-Numeric data using Python, Python Pandas
- Used MatPlotLib,Numpy,Wordcloud Data visualization structures such as: Pie charts, bar graphs, line graphs etc.

Simple Restaurant Recommendation System | *Python, Pandas, PandaSQL, MapBox* — February 2022
- Worked in a group to develop a simple restaurant recommendation system, based off Sentiment Analysis and User Location
- Utilized MapBox to display the data-clusters (restaurants) that a user is able to go to within his vicinity
- Utilized Data-Mining/Cleaning techniques(such as K-means clustering, Logistic Regression, and Naive Bayes) to group various data-points(restaurants) on the Map
- Collaborated with Python-fluent colleagues to suggest features and get feedback about the System

FootballBot - The Discord Bot (BETA) | *Python, JSON, Web Scraping, Selenium,* — January 2023
- Developed a Discord Bot to display LIVE data collected from https://www.premierleague.com/ based off CURRENT stats in the league, ranging from: Goals, assits, top goalkeepers, etc.
- Utilized beautifulSoup4, Selenium, Requests module, and Discord packages.
- Created custom commands, to retrieve specific live data the user would like, ex: ?TopScorer
- Created custom "script" to have it interact with the user with small talk.

TECHNICAL SKILLS/CERTIFICATIONS

Languages: Python, C++, SQL (Python), JavaScript, HTML/CSS
Developer Tools: Git, Google Co-lab, VS Code, Visual Studio, PyCharm,
Libraries: Pandas, NumPy, Matplotlib, WordCloud, Folium, Squarify, Discord, Selenium.
Certifications: FreeCodeCamp Reactive Web-Design, CodePath Technical Interview Certificate