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Joshua Plateros

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EDUCATION

University of Nevada, Reno   **Expected: December 2021**
B.S. Computer Science and Engineering

SKILLS

Languages: C++/C, Python, JavaScript, HTML/CSS

Tools: React, Jupyter Notebook, Node.js

PROJECTS

Twitch Chat Bot - *JavaScript*
https://github.com/joshplateros/Twitch-Bot
A Twitch chat bot that handles basic chat commands, such as !social to present my social media information
- Acquired knowledge of using the Twitch IRC (Internet Relay Chat) to handle commands in real-time during my live-stream
- Acquired basic knowledge of JavaScript

Machine Learning / Data Mining Projects - *Python, Jupyter Notebook*
https://github.com/joshplateros/Machine-Learning (PRIVATE)
Various machine learning projects, such as developing a kNN and perceptron classifier from scratch. Data mining projects include using sci-kit and Jupyter Notebook to build classifiers from training data.
- Developed machine learning classifiers from scratch
- Acquired large samples of data, trained a classifier based on that data, and tweaked the hyperparameters to improve the accuracy of those classifiers.

Personal Website (v1.0) - *JavaScript, CSS/HTML, React*
https://github.com/joshplateros/Personal-Website
Personal website to host my resume and other information (still in development, progress is on GitHub).
- Acquired knowledge on incorporating CSS and HTML and tying it with JavaScript and React.

RELEVANT COURSEWORK

Software Engineering I   **Fall 2020 (Current)**
- Learned about general methods of developing software (waterfall, agile)
- Preparing prototype, designs, of senior software project

Analysis of Algorithms   **Fall 2019**
- Learned about algorithm time and space complexity.
- Understood more about memoization, dynamic programming, and other programming techniques.