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Joshua Plateros

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EDUCATION

University of Nevada, Reno
B.S. Computer Science and Engineering

Expected: December 2021

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

Personal Website (v1.0) - JavaScript, CSS/HTML, React

<https://github.com/joshplateros/joshplateros.github.io>

- Acquired knowledge on incorporating CSS and HTML and tying it with JavaScript and React.

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.

RELEVANT COURSEWORK

Software Engineering I

Fall 2020

- 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.