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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

EXPERIENCE

Undergraduate Research Assistant
2021

Feb 2021 - May

[University of Nevada, Reno](#)

- Provided a front-end interface in React for access control (user management system) for a NSF-funded application.
- Configured the application to accept multiple JSON schemas for data import.

Software Engineer Intern

June 2021 - Present

[Expedia Group](#)

- Working on a scalable solution of surfacing important metrics of Expedia Group's Recommendation Service by utilizing existing metrics on compiling them in Tableau.
- Working on providing a backup database for all of these important metrics.
- Working on implementing the Tableau dashboard in a React Application for all clients to investigate.

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)

- 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.