

Jaden Hutchinson

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Jaden is proficient in Python and HTML technologies, and he is currently learning CSS. He is a hard worker, problem solver, and gets the job done that needs to be done by whatever means necessary. He is a passionate learner and is eager to further his programming abilities. Jaden is pursuing a Bachelor's degree in Computer Science at Utah Valley University.

GitHub:

<https://github.com/hutchinsonjl>

GitHub Projects:

URL Shortener: Takes in any original URL, up to 1024 characters, and shortens it to 6 characters following the base URL. Uses Flask microframework, sqlite3, and Python-dotenv virtual environment.

ABC/CBS News Aggregator: Uses Django, html5lib, and BeautifulSoup for extracting and aggregating data from popular news networks ABC & CBS news. Dynamically excludes duplicated and irrelevant data through Python access mapping. Custom front-end for visual appeal.

MSNBC/NBC News Aggregator: Has the same structure of the ABC/CBS News Aggregator but parses and aggregates data from popular news networks MSNBC & NBC news sites instead.

Access mapping is unique for every news network.

CNN/Fox News Aggregator: Also has the same structure of other news aggregators, parsing CNN and Fox News sites dynamically.

Sudoku Solver: Uses NumPy to build a multi-dimensional array to form a grid. Grid indices are accessed through Python for-loops for each row and column. Indices are divided by 3, rounded down, and then compared to the value of the indice to find a unique number for each row/column intersection. Presents every possible solution for any solvable sudoku puzzle (1+).

InstaLike&Comment: Built on Selenium automation software, a continuously running *like* and *comment* script for Instagram, liking and commenting based on any inputted hashtag. Comments randomly loop through nine dynamic comments.

Bowling Alley: Created a 3-D VR bowling alley using HTML.

Spotify API Client: Interacts with the API of Spotify.com to query any artist, album, or track in the Spotify database. Authorizes, following Spotify web API specifications, by using a base64 decoded client_id and client_secret incorporated to obtain an access token and query data from the Spotify server. Uses comparison operators to exclude undesired artists, albums, or tracks.

Work Experience:

Office Manager and Social Media Manager, Safe Haven Private Vaults Inc., 2018-2021

- Managed day to day operations, customer relations, and security.

Content Creator and Social Media Manager, The Child Liberation Foundation, 2018-2019.

- Raised awareness about child labor and sex trafficking.

- Helped raise funding to rescue children enslaved in trafficking.

Social Media Administrator and Event Security & Sales, Empire Events Inc., 2017-2019.

- Managed security and cashier sales at large events.

- Ran social media and marketing operations for event promotion.

BYU Catering, 2017.

- Catered for anniversaries, weddings, and special events.

Education:

American Fork High School, Class of 2014.

Utah Valley University, 2016-present.

Other Accomplishments:

Eagle Scout, age 14

2-year LDS Mission: Houston, Texas

One Voice Children's Choir

Ballroom Team and Individual Dancer