

Brandon Detra

10 420 Arthur Pl., Frontenac, MO, 63 131

BrandonDetra@outlook.com

480-298-7514

<https://github.com/bdtra>

Tech Skills

Programming Languages:

C#

Python

Operating Systems:

Windows

Linux

Software:

.NET

Project Experience

Media Searcher – <https://github.com/bdtra/MediaSearcher>

Twitter data analysis engine: allows the user to input a word or phrase, then scans Twitter for recent posts containing that word or phrase. Returns a list of words contained in those posts, ranked in order of frequency. This allows the user to see what words the public associates with that keyword.

- Designed and developed an analysis algorithm for recent Twitter posts.
- Built an API interface with Twitter
- Created an SQL database, allowing for:
 - User Registration
 - Saved Searches
 - Account Management
- Designed and implemented an attractive front-end for the application, including:
 - Tables to display data pulled from the database
 - Basic Forms and buttons

Education

LaunchCode's LC101, St. Louis, MO

- 28 week programming boot camp and education course offered by LaunchCode.

Work Experience

Live-in Hospice Care Provider with GT Independence. August 2017 – March 2018

- Provided the patient with 24/7 care, including help with:
 - Sanitation
 - Ambulation and Exercise
 - Preparing Meals
 - Preventing the patient from falling, and assisting him when he did fall
- Comforted the patient and his family during the final stages of life
- Went above and beyond by arranging a live-in situation directly with the patient's family, providing care at hours when other caretakers would not.

Sound Engineer at the Don Bluth Front Row Theater. May 2017 – June 2017

- Designed and developed a new sound system for the theater
- Investigated prices and delivered a cost estimate for the project that was accurate within ten cents of the actual final cost
- Trained and supervised a team to construct the new sound system
- Trained other employees to operate and maintain the system