

Erika Emery Walker

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Education **Washington University**, *Certification in Data Science* July 2023 | November 2023
Saint Louis, MO

University of Missouri, *BS in Clinical Laboratory Science* July 2012 | May 2013
Columbia, MO

University of Missouri, *BS in Biological Sciences* September 2008 | December 2011
Columbia, MO

Work Experience **Barnes Jewish Hospital**, *Medical Laboratory Scientist II* May 2013 | June 2023
Saint Louis, MO

- Senior Staff Hematologist
- Senior Staff Flow Cytometrist

Technical Skills **Tools:** Machine Learning, TensorFlow, Python, Sci-kit Learn, Flask, Javascript, Bootstrap

Projects **Deep learning with Alphabet soup charities**, *Python, Pandas, Numpy, TensorFlow, Sci-kit Learn, Jupyter Notebook, Visual Studio Code*
Preprocessed data then designed and trained a Neural Network to predict future successful ventures for Alphabet Soup Charities
<https://github.com/Shoggato/NeuralHarmony>

Dynamic Map COVID-19, *Flask, sqlite3, JavaScript, Python, Pandas, Bootstrap*
Created a map where a user could select between a range of dates January 2020 to January 2021, this would update a choropleth map of the USA for Confirmed infected/deaths/infection rate.
<https://github.com/Shoggato/ChronoMap-USA>

Hacker News Scraper, *Python, BeautifulSoup, Requests*
Python script that scrapes information from Hacker News and retrieves the top stories with at least 100 points. Used for keeping up with the latest trends in the tech industry.
<https://github.com/Shoggato/HNScraper>