

Alex Cluff

Address Marion, OH, 43302

WWW <https://zety.com/profile/alex-cluff/383>

Phone (740) 396-9652

E-mail AlexCluff16@gmail.com

Experienced in meeting needs, improving processes and exceeding requirements in team environments. Diligent worker with strong communication and task prioritization skills.



Skills

- Data Analysis, Statistics, Data Visualization, Machine Learning, Deep Learning, Time Series Analysis
- R, Python, Excel, SQL, Julia, MATLAB, SAS
- Some experience with C++ and java
- Basic web development with HTML, CSS, Java Script
- Tableau, Power BI, RShiny for making dashboards



Education

2016-08 -

Bachelor of Science: Statistics

2021-12

Ohio State University - Columbus, OH



Projects

- **Portfolio:** <https://cluffa.github.io/portfolio> Is a self-made website that includes statistics, interactive dashboards, data visualization, SQL, and machine learning projects with summaries and links to GitHub repositories.
- **BarTracking:** https://github.com/cluffa/bar_tracking is a model implemented in Python and Julia that utilizes deep learning and computer vision to track the path of a barbell when performing a lift. Using a choice of 5-15 million parameter convolutional neural networks and semantic segmentation, it provides plots and a table of position, velocity, and acceleration. I worked on every aspect of machine learning when creating this project; from annotating data, handling data pipelines, designing model architecture, training with GPUs, optimizing, and making the data useful.
- **Weightlifting results dashboard:** <https://cluffa.shinyapps.io/IWF-Data-Explorer>
- **Weight loss tracking dashboard:** <https://cluffa.shinyapps.io/Weight-Loss-Trends>



Work History

2022-04 -

Volunteer Data Analyst

Current

Semi-Pro Esports Team, Ada, OH

- Collected performance data and developed new KPIs (key performance indicators) from collected data
- Made dashboards with KPIs to help team members make better decisions and improve performance.
- Collaborated with team members to achieve target results

2014-06 -
Current

Assistant Manager & Lawn Care Specialist

McColly Landscaping, Marion, OH

- Managed ongoing relationships with 25+ clients
- Used Excel to track jobs, hours, and expenses
- Helped with planning schedules and delegating assignments to meet coverage and service demands
- Generated repeat business through exceptional customer service and responded to customer concerns with friendly and knowledgeable service