Alex Cluff

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WWW https://cluffa.github.io/portfolio

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 - 2021-12

Bachelor of Science: Statistics

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 sematic 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 - Current

Volunteer Data Analyst

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