Aryeh Spraggins

Education

Aug 2021 – Apr 2024	**Select Masters level classes in Data Science**, *University of Central Florida*, Orlando FL
April 2021	**Bachelors of Science in Physics with Minors in Mathematics and Data Science**, *Florida Atlantic University, Harriet L. Wilkes Honors College*, Jupiter FL, Honors Thesis: *Automatic Fish Tracking: Keeping Track of Who's Who* - A report on data manipulation for use in fish behavioral prediction

Relevant Expertise

Algebraic Principles, Big Data Analytics, Computational Science, Computational Social Science, Data Modeling, Data Engineering Data Science, Data Visualisation, Set Theory, Matrix Theory, Machine Learning,

Experience

Sep 2022 – Present	**Data Science Contractor**, *Self Employed*

- Wrote code to speciation.
- Performed dataset analysis on client datasets.
- Implemented algorithms to answer client questions.

June 2021 – Aug 2022	**Leasing Agent**, *Riverwind at Alafaya Trail*, Oviedo, Fl, Leasing Agent

- Project management,
- Crisis mitigation,
- Stakeholder communications

May 2021 – Aug 2021	**Data Scientist**, *Research & Data Science Services, Office of Information Technology, Southern Methodist University*, Dallas, Tx, Intern

- Developed scripts for cleaning large sets of scraped web data.
- Performed clustering analysis to fuzzy-sort out non-viable data.
- Provided data analysis support for multiple research projects.
- Planned, priced out and proposed a Jetson cluster.

Awards

April 2, 2021	FAU Annual Undergraduate Research Symposium. Presented thesis.
May 2014	Eagle Scout, Boy Scouts of America

Technical Experience

Languages	Python, Markdown, R, C++, SQL, SAS, Julia, Java
Technologies	Vim, LaTeX, Jupyter, Numpy, Pandas, Slurm, Singularity
Analytics Platforms	Apache Spark, ArcGIS, Tablou, Azure, Aws, PowerBi, git, excel, SQL Server, SAS institute, google analytics, databricks, Oracle

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Selected Projects and Thesis

Github	github.com/ASpraggin
Thesis	github.com/ASpraggin/FishTracking/blob/master/report/spring%202021/report.pdf
Thesis	http://purl.flvc.org/fau/fd/FAUHT00162

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