NOAH LEDBETTER

Austin, Texas | linkedin.com/in/noahledbetter | noah@ndled.us | 512-986-0003

Python developer and ETL specialist that excels at building long term trust on diverse teams. Looking for a place that fosters growth where I can learn and apply technical skills in industry.

| Python | R | SQL | Machine Learning | Statistical Modeling | Analytics | Data Visualization |

| Public speaking & presentation |

CUSTOMER SUCCESS ENGINEER

Alegion | 2021 - Current

- Built custom applications in Python for the customer success team to build automation and interact with our API, SQL database, and AWS s3
- Preprocessed and postprocessed data, worked with both relational and flat data structures including json, sql, csv, txt, as well as image and video data
- Created a triage system for data processing tickets
- Data analysis and reporting

MATH DEPARTMENT HEAD

Manor New Technology High School | 2018 - 2021

- Managed 5 teachers through observation, feedback, and instructional coaching. Point of contact between the head of the school and my department on matters of policy, curriculum, etc. Taught dual-credit Pre-calculus & Advanced Placement Computer Science Principles
- Independently launched the advanced placement computer science track at my school & hired an industry professional to teach cyber security
- Hired three assistant principals & 15 math & science teachers at various levels on the hiring committee. Drove revisions to the hiring framework to raise candidate quality
- Wrote a Chrome widget in JavaScript for my team to automate the manual and time consuming process of logging parent contacts
- Developed the campus Advanced Academic program based on the districts general guidelines

MATH TEACHER

Manor New Technology High School | 2016 - 2018

- Brought the first dual-credit math course to the school with collaboration from UT, bridging curriculum gaps to bring students the ability to earn college credit
- Taught Geometry, Algebra, & Career Readiness at all levels

EDUCATION

M.S. IN MATHEMATICS: STATISTICS

Texas State University | 2018 - 2021

4.0 GPA

B.S. IN MATHEMATICS

The University of Texas at Austin | 2013 - 2015

3.5 GPA

COMPUTER VISION APPLIED TO "SPORTS" CASTING

2021

https://github.com/ndled/OWLgameplay

Python: tensorflow, cv2, numpy, pandas

Large data set, convolution neural network

AUSTIN BIKE USAGE

2021

https://github.com/ndled/AustinBikes

R: tidyverse, ggplot, e1071, lubridate, randomforest, gbm

Complex data cleaning

ELECTION MODELING

2019

https://github.com/ndled/BI

R: ggplot, dplyr, tidyverse

Bayesian Inference

PRESENTATIONS

"Mastery of Project Based Learning for Secondary Teachers" Co-Presenter: Jazmine Castanon. Presented at MPACT, August 2019, Manor, TX.

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"PBL Failures: When and How to Pull the Plug" Co-Presenters: Sierra Pedroza, Jasmine Castanon. Presented at the Belton New Tech PBL Symposium, Febuary 2017, Belton, TX.

"#teachingsurviors" Co-Presenters: Jasmine Castanon, Rikki Foster. Presented at UTeach Alumni Conference, July, 2016, Austin, TX.

"Cluster analysis as a tool for qualitative research: The case of scale construction". Co-Presenter: Dr. Cesar Delgado. Presented at the Annual Conference of the American Educational Research Association (AERA), April 2014, Philadelphia, PA.