

BRENT SCHRIVER

data_scientist



<https://www.linkedin.com/in/brent-schriver/>



<https://github.com/brentschriver>



brent.schriver@gmail.com



210.232.6353

EXECUTIVE SUMMARY

I am driven by curiosity and determination. Two qualities that allow me to solve all problems that have presented itself to me. I'm curious enough to search for answers and determined enough to see everything through till the end. I prefer to immerse myself in unfamiliar settings in order to facilitate progress. I am growth-oriented and prefer settings where personal and professional growth is encouraged and revered. I work quickly individually, but I understand I can go further with the help of a team. I am an analytical thinker which is the attractor that led me to data science.

TECHNICAL SKILLS

SQL - Python - TensorFlow - Keras - Tableau - Pandas - Matplotlib - Seaborn - Plotly - Machine Learning - Natural Language Processing - Apache Spark - Data Storytelling - Git - Jupyter Notebooks - Anaconda - Applied Statistics

WORK EXPERIENCE

Research Fellow **July-August 2021**

UTSA San Antonio, TX

Conducted novel research using magnetic nanoparticles to stimulate hippocampal cells. The goal of the project was to develop a procedure for minimally invasive and remote neural excitation through magnetic nanoparticles.

AP Physics Instructor **August 2018-June 2021**

Harlandale High School, San Antonio, TX

Taught AP Physics to some of the most amazing young minds I have ever met. I helped the students to observe and explore the world around them through the lens of science.

Head Instructor **August 2014-August 2015**

Chungdahm Institute, Busan, South Korea

Taught teachers how to teach. Main responsibility was to review video to indentify underperforming instructors. Held weekly workshops to develop classroom management skills for underperforming instructors.

English Instructor **August 2011-August 2014**

Chungdahm Institute, Busan, South Korea

Taught active reading, writing, and speaking skills to Korean students. The skills taught were designed to improve the students' probability of passing the TOEFL exam.

EDUCATIONAL BACKGROUND

University of Texas at San Antonio **May 2009**

San Antonio, TX

Bachelor's of Science in Kinesiology

Codeup **Feb 2022**

San Antonio, TX

Data Science Bootcamp

DATA SCIENCE PROJECTS

score-clinical-patient-notes *NLP*

The goal of this project is to develop an automated method to map clinical concepts from a medical exam ruberic to various ways in which these concepts are expressed in clinical patient notes written by medical students. We used TensorFlow to create a multi-label classification model that predicts which clinical concepts appear within the student's patient note.

predicting-github-coding-languages *NLP*

This project involved predicting the primary coding language used in a GitHub Repository by examining the contents of the corresponding Readme file. The language that appeared the most in the dataset was used as a predictor for baseline. Our model was able to improve on baseline by 63%.

future-revenue *time series*

The goal of this project was to investigate subscription data and create a model that can predict future revenue. With the given data my model was able to accurately predict revenue for up to a year.

zillow-logerror *clustering*

The goal of this project was to determine drivers of logerror in Zillow's zestimate and create a model that will reduce log error. Clustering was used to strengthen Zillow's current model.

anomaly-sweeper *anomaly detection*

The goal of this project was to explore a company's server log to gain insight and detect suspicious behavior. We were able to provide information of the company's users' behavior and identify areas of concern.

press-start *regression*

The goal of this project was to explore video game data and predict video game sales in the North American region. The current model is a 28% improvement on the baseline.