

Samantha Lane

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Summary

Data Scientist with a background in Nutrition. Recognized as a persistent problem-solver, dedicated team-member, and someone who has a passion for acquiring new skills. Highly organized, self-motivated, and excellent communicated. Looking to use my skills to provide insights into Big Data. Graduate of Data Science Bootcamp through Southern Methodist University.

Technical Skills

Databases: Big Query, ETL, MongoDB, Postgres SQL

Statistical Software: Jupyter, Microsoft Excel, Python Tableau

Coding and Web: HTML/CSS, JavaScript, Python, Geomapping

Projects

Movie Data Pipeline: https://github.com/alexarnold630/SMU_ETL_Project

- Web scrapped the Rotten Tomatoes website for the best movies of 2020 and provided this list of movies to the OMBD (Open Movie Data Base) where we were able to gather more information regarding each movie. After the data was gathered, cleaned, and transformed we loaded the data into a Postgres SQL database.
- **Tools:** Jupyter, Python, Postgres SQL, OMBD API

Happiness Index Investigation: https://github.com/alexarnold630/SMU_Project1

- Performed and EDA on the World Happiness Index dataset found on Kaggle. Investigated the relationship between each individual component of the Happiness Index as well as compared the overall Happiness Index to weather data using the Open Weather API.
- **Tools:** Jupyter, Matplotlib, Seaborn, Pandas

Spotify Exploration and Analysis Dashboard: https://github.com/alexarnold630/SMU_Project2

- Created two visual dashboards that displayed data from a Spotify dataset on Kaggle as well as several CSV's that included Spotify streaming data.
- **Tools:** HTML/CSS, JavaScript, D3.js, Plotly

Dallas Crime Analysis and Prediction: https://github.com/alexarnold630/Dallas_Crime_Analysis_and_Prediction

- Created a full-stack application to analyze Dallas Crime for 2020 and predict crime incident status.
- **Tools:** Pandas, Matplotlib, Seaborn, HTML5/CSS, JavaScript, Tableau

Education

Certificate of Data Science: March 2021

Southern Methodist University – Dallas, Texas

GPA: 4.0

Masters of Science: Nutrition and Metabolism, December 2018

University of Texas Medical Branch – Galveston, Texas

GPA: 4.0

Bachelor of Science: Didactic Program in Dietetics, May 2017

Texas Christian University - Fort Worth, Texas

GPA: 3.71

Experience

Personal Trainer/Registered Dietitian, *Kickoff Personal Training* – Remote, February 2019 to Present

- Created personalized exercise and nutrition plans utilizing data collected from body mass index, weight, and calorie intake to help ensure they met or exceeded their goals.

Registered Dietitian, *University of Texas Medical Branch* – Galveston, Texas, January 2018 – July 2018

- Collected data from patient electronic medical record and patient interview and developed a personalized nutrition intervention based off patient's needs.

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GPA: 3.71

Dietetic Internship January 2018 - December 2018

Clinical Intern, *UTMB Jennie Sealy Hospital* – Galveston, Texas (240 hours)

- Performed the nutrition care process to a variety of patients.
- Provided individual nutrition counseling for patient to utilize post discharge.

Food Service Intern, *Galveston ISD, UTMB Jennie Sealy Hospital* – Galveston, Texas (240 hours)

- Managed employees, created procedures, evaluated food quality.
- Created excel spreadsheets to help with budgeting and documentation.

Clinical Intern, *Texas Children Hospital Renal Department*- Houston, Texas (240 hours)

- Performed the nutrition care process on pediatric patients.
- Implemented the NCP to address needs of infants and children with Evaluated children on chronic dialysis.

Research Assistant, *UTMB* – Galveston, Texas (480 hours)

- Collected, analyzed, and interpreted data for a variety of different projects.
- Created a research poster demonstrating findings regarding the influence of an ACL injury on capillary perfusion.

Inter, *Women, Infant, Children* – League City, Texas (120 hours)

- Evaluated nutritional for pregnant women, new mothers and children.
- Provided individual nutritional counseling based on patients' needs.

Work Experience

Tutor, *UTMB School of Health Profession, Nutrition and Metabolism* - Galveston, Texas October 2018 to Present

- Assisted students with nutrition information in order to succeed class work.

Food Service Worker, *Aramark, Crowley Independent School District* – Crowley, Texas

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October 2015 to May 2017

- Prepared and served meals for students at an afterschool program
- Determined how much food would be needed minimizing waste

Tutor, *TCU Athletic Department* – Fort Worth, Texas August 2016 to May 2017

- Assist student in understanding material from a variety of different courses

Sales Associate, *James Avery* – Fort Worth, Texas October 2014 to May 2016

- Assist customers in selecting and purchasing merchandise and keeping merchandise organized and stocked
- Train new employees on company policy and procedures

Certifications

ServSafe Food Protection Manager Certification – Servsafe

American Heart Association Basic Life Support Certification

Evidence Analysis Library Certification – Commission on Dietetic Registration

Protecting Human Research Participants Certification

Trained in EPIC Electronic Health Record Charting