

DOUGLAS FRANKLIN

Cedar Park, TX 78613

Phone: 512-547-9711 | Email: DougAF367512@gmail.com

LinkedIn: <https://www.linkedin.com/in/douglas-franklin-1a3a2aa3/> |

Github: <https://github.com/DougAF> | Portfolio: https://dougaf.github.io/portfolio_DougAF/

Summary

Multidisciplinary, data driven thinker with a passion for condensing large data into a simple to understand story. B.S. in Biology from Texas A&M, with certificate in Data Science and Analytics at UT Austin. Experienced scientific researcher and writer. An avid learner who loves reading, networking, and tackling new challenges. Passion for philosophy and critical thinking and finding unity in seemingly unrelated ideas. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences. Excels at solving complex problems.

Technical Skills

Tools: Python - NumPy, Pandas, Plotly, Beautiful Soup

JavaScript - Plotly, D3, Leaflet

Flask – for full stack dashboard/application building

Web - HTML, CSS, Bootstrap

Databases: MySQL and MongoDB

PROJECTS

Metropolitan Health : 500 US Cities | https://github.com/DougAF/Metropolitan_Health

- A project that ranks US cities in three health categories. Makes sense of a large dataset from the CDC by using a ranking system at the state level to tell a story about health.
- Lead project direction, presentation production, and finalization of product. Presented powerpoint and findings to cohort.
- Project utilized Python; pandas, and plotly.

City Analytics | Link to Github | https://github.com/DougAF/Project_3

- A project analyzing and attempting to find trends between city qualities; demographics, tax structure, and infrastructure, and the economic growth of that city. Analyzed over 350 metropolitan areas in the US and implemented Machine Learning tools during analysis.
- Lead database production, Flask implementation, and finalization of product. Presented app and findings to cohort.
- Project utilized an SQLite database, Flask, Javascript, HTML, CSS, Linear Regression and Clustering

Education

Bootcamp Certificate: University of Texas, Austin, TX

2019

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Key Accomplishments:

- Project lead for all 3 projects
- Presented all 3 projects to cohort

B.S. Biology: Texas A&M University, College Station, TX

2013-2017

Major coursework in Biology with extensive coursework in Philosophy and business. Many lab hours and research training.

Key Accomplishments:

- GPA of 3.7
- Neuroscience Researcher
- Leadership Counselor
- Best Business Plan in team Entrepreneurial competition

Experience

Seasonal Sales consultant

2018 - 2019

Best Buy, Cedar Park, TX

- Engaged in finding the best hardware/software solution for each client by closely understanding their needs and the available products
- Built rapport with customers which aided in retention and subscription sales

Key Accomplishments:

- Commended by customers to management on several occasions
- Lead seasonal employees in sale of our highest-end gaming laptop

Pharmacy Technician

2017-2018

Walgreens Pharmacy, Cedar Park, TX

- Placed 80 outbound calls daily to consult and educate patients while compiling outreach information in a standardized format
- Built and maintained working relationships on a first name basis with several hundred patients
- Trained 3 new technicians and participated actively in their skills development
- Succeeded multitasking in a fast paced and, at times, chaotic environment

Key Accomplishments:

- 12+ Online reviews mentioning Douglas as a provider of excellent customer service
- “Exceeding Expectations” Result on annual performance review
- Brought NPS score to an area high of 90+

Lab Research Assistant

2016-2017

The Center for Biological Clocks Research at Texas A&M, College Station, TX

- Conducted rat and mouse brain-cell culturing, expansion, and cryopreservation.
- Prepared, stained, and imaged *Lumbriculus variegatus* (worm) sections.
- Crafted stock solutions for cleaning and tagging

Key Accomplishments:

- Rewrote Lab Protocols for cell culturing and expansion with updated methods for enhanced neuronal cell viability
- Assisted in providing evidence for the identity of protein channel using antibodies and fluorescent imaging

Community Work

Leading America's Future – Neal Elementary School Bryan, Tx

2013-2014

- Organized activities for 3rd graders at school in a disadvantaged community to promote leadership skills and cultivate an interest in education

The Big Event - Bryan/College Station, TX

2014, 2015, 2016

- Participated in the largest, one-day, student-run service project in the nation in order to aid community members with whatever they needed done around their homes; while fostering a healthy student-community relationship

Howdy Farm – Small organic farm on Texas A&M's campus

2016 & 2017

- Spent 8+ hours per semester laying mulch, weeding, moving plants, and picking fresh produce for a self-funded and charitable project

References

- **George Cyrus Allen, Jr., MD, PHD, Child, Adolescent, and Adult Psychiatry; 10921 Wilshire Blvd Suite 614; Los Angeles, CA 90024; 310-209-7595; rusallen@mac.com**
- **Mark J Zoran, PHD, Professor and Associate Dean for College of Science; Office-Biological Sciences Building West, Room 231A, 979-845-8099; College Station, TX 77843-3258; Fax: 979-845-2891; zoran@bio.tamu.edu**
- **Michael Ramirez, RPh, Pharmacy Manager for Walgreens store 03342; 710 N Bell Blvd; Cedar Park, TX 78613; 512-422-4005 ma.ramirez11@gmail.com**

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