PATRICIA CADAR 10603 Lockerbie Dr, Austin, TX 78750 512-927-6764 pia.cadar@gmail.com

OBJECTIVE

Highly driven Computational Biology and Computer Science student. Looking for an internship or full-time job starting May 2021.

SKILLS

Languages

https://piacadar.github.io

- · Proficient in: Python, R, Java
- Familiar with: SQL, HTML, JavaScript, Swift

Frameworks

Pandas, numpy, sklearn, matplotlib, plotly

Mathematical Models

 Linear regression, Log regression, Decision trees, Naive Bayes, KNN, Kmeans, Random forests, SVM, Neural Networks, PCA

Hard Skills

GitHub, GitLab, Tableau, Microsoft
Office, Data Mining and Data QA, Data
Visualization, Statistics and
Probability, Experimental Design and
Analysis, Survey Creation, Problem
Solving

Soft Skills

 Communication and Public Speaking, Critical Thinking, Attention to Detail, Organization, Teamwork and Collaboration, Creativity, Leadership, Time-Management, Self-Motivation

Foreign Language

- Romanian (fluent)
- French (beginner)

EXPERIENCE

Research Assistant - DIY Diagnostics Lab

Jan 2019 - Jan 2021

University of Texas at Austin

• Assist students with coding in HTML and JavaScript

Undergraduate Researcher - DIY Diagnostics Lab

Jan 2018 - Jan 2021

University of Texas at Austin

- · Research using Python
 - Develop a more accurate and efficient scoliosis detection device using a Python program that took data from flex sensors and created a 3D plot of a person's spine
- Research using R
 - Study the effects of the presence of humans and food on the behavior of squirrels
 - o Study the effects of sugar intake and diet type on energy levels in college students

EDUCATION

University of Texas at Austin

August 2017 - May 2021

Austin, TX

- BS Computational Biology Anticipated May 2021
- Elements of Computing Certificate Anticipated May 2021

RELEVANT COURSES

UT Austin

- Introduction to Programming
- Elements of Software Design
- Software Engineering
- Biostatistics
- Computational Biology (both in R and Python)
- Data Mining
- Probability
- Linear Algebra & Matrices
- Differential and Integral Calculus
- Finance

- Accounting
- Innovation/Entrepreneurship

Udemy

- Machine Learning
- Deep Learning
- Artificial Intelligence