PATRICIA CADAR
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OBJECTIVE

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

SKILLS

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

Libraries
- Python: Numpy, Pandas, sklearn, matplotlib, Anaconda
- R: ggplot2

IDEs
- Jupyter Notebook, Spyder, RStudio, Eclipse

Platforms
- Arduino, macOS

Hard Skills
- 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   January 2019 - Present

University of Texas at Austin
- Assist students with coding in HTML and JavaScript

Undergraduate Researcher – DIY Diagnostics Lab   January 2018 - Present

University of Texas at Austin
- Research using Python
  - Develop a more accurate and efficient scoliosis sensor device using flex sensors and Arduino
- Research using R
  - Study the effects of the presence of humans and food on the behavior of squirrels
  - 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
- Biostatistics
- Data Mining
- Differential and Integral Calculus
- Accounting
- Finance
- Genomics
- Software Engineering
- Computational Biology (both in R and Python)
- Genetics
- Probability
- Linear Algebra

Coursera

- Machine Learning (Stanford)
- Fundamentals of Visualization with Tableau (UC Davis)
- SQL for Data Science (UC Davis)

Udemy

- Machine Learning
- Deep Learning
- Artificial Intelligence