

# **Miranda McLaughlin**

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## **EDUCATION**

***The University of Texas at Austin***, Austin, TX

***Anticipated Graduation: August 2021***

Currently Pursuing a Bachelor of Science and Art Degree in Biology with a minor in Interior Design

3.33 GPA

***San Marcos High School***, San Marcos, TX

***June 2018***

Graduated 18th overall

3.9 Unweighted GPA

## **RELEVANT COURSEWORK**

Introductory Biology I and II (with lab), Introductory Chemistry I and II (with lab), Genetics, Microbiology (with lab), Anatomy (with lab), Physiology (with lab), Evolution, Ecology, Biostatistics, Computational Biology; Currently enrolled in: Cell Biology, Physics (with lab)

## **PROJECTS**

- Performed a multiple regression analysis with interaction to test if consuming local honey decreases seasonal allergies using R Studio Software from personally gathered data
- Wrangling and Exploratory Data Analysis using worldwide mental health statistics from 1990-2017 on R Studio Software
- Modeling, Inference, and Prediction models using Yelp review data on all current Austin coffee shops (2021) on R Studio Software
- Created a documentary showcasing research and interviews conducted on residential design geared towards mental and physical health disorders
- Used research from self-made documentary to conduct 7 day study to determine how the way participants interact with space affect their mental health (during COVID)
- Architectural NRHP amendment of Paramount Theatre in Austin, TX

## **EXPERIENCE**

**Austin Eye Clinic Internship**

***2018 – 2020***

Responsible for transferral of all patient medical history from paper documentation to digital documentation; Maintained organizational system; Ensured proper disposal of medical documentation; Shadowed doctors on surgical and non-surgical appointments.

**Pharmacy Technician Certification**

***2018 – Present***

Received training through PassAssured and obtained certification through the National Healthcare Association

## **EXTRACURRICULAR**

***Longhorn Pep Band, University of Texas***

***2019-Present***

Created and maintained energetic environment for University volleyball, men's basketball, and women's basketball games, 20+ hour time commitment

## **SKILLS**

Time Management Skills, R Studio, Python, Microsoft Office Programs (Word, Excel, Powerpoint), Creative and Analytical thinking, General Laboratory Skills (including Electron Microscopy, Histology, Bacteriology, Spectrophotometry, Titrating, PCR), Data Processing