

# Allison Howe

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## Education

### University of Texas at Austin, Austin, TX

08/2019- 05/2023

Bachelor of Science and Arts, Biology

GPA: 3.03

MCAT: 491

08/2022

### Recognitions

National Society of Collegiate Scholars

07/2022

### Relevant coursework:

- Elements of Statistics

#### Skills:

- Programming languages: RStudio
- Hypothesis testing: formulated null/alternative hypothesis
  - Appropriately chose test statistics and conducted hypothesis tests using RStudio
- Regression analysis: built and interpreted simple and multiple linear and logistic regression models
- Communication skills: communicated statistical findings through written reports and presentations

- Elements of Data Science

#### Skills:

- Programming languages: RStudio, Python
- Data manipulation: manipulated/cleaned data (filtered/merged datasets, dealt with missing values)
- Data visualization: created visualizations using ggplot2 (histograms, scatter plots)
- Statistical analysis: performed basic analysis(hypothesis testing, linear regression, ANOVA)
- Communication skills: effectively communicated data through written reports and visualizations

## Professional Experience

### Medical Shadowing - General Surgery

12/2021

Longview Regional Medical Center

Longview, TX

- Observed physician handling clinical tasks, patient interactions, and surgical operations
- Gained important knowledge about the life of a surgeon and working in both a clinic and a hospital

### Medical Shadowing - Oncology

12/2021

Texas Oncology

Longview, TX

- Observed physician's daily routine with his patients
- Interacted with physician discussing medical symptoms, diagnosis, and treatments of various cancers

### Medical Scribe

06/2022-08/2022

Texas Oncology

Round Rock, TX

- Charted 100+ patient-physician medical exams
- Updated electronic health records for incoming and outgoing patients

## Additional Occupations

### Camp Counselor/WSI/Lifeguard

06/2019-08/2021

Camp Fern

Marshall, TX

- Supervised and ensured the safety of campers during swimming activities and other water-based activities
- Planned and led outdoor activities, games, and crafts for campers aged 5-16
- Managed and mentored a group of 12 campers, ensuring their physical and emotional well-being
- Communicated with parents and guardians regarding camper progress and any concerns
- Coordinated with other camp staff to ensure a smooth and successful camp experience

## Certifications

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Adult and Pediatric First Aid/CPR/AED

06/2021-06/2023

## Extracurricular activities/Volunteer Work

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Alpha Chi Omega, Alpha Phi Chapter

08/2019-05/2021

- Volunteered at SAFE Alliance to bring a positive impact to victims of domestic violence, sexual assault, sex trafficking, and child abuse

UT Global Medical Training

01/2021-12/2021

- Interacted with doctors providing free/affordable health services to the underprivileged/uninsured

Women in Medicine

08/2020-05/2021

- Participated in profit shares and Hungry for Hope bake off and silent auction for the Marbridge Foundation which helps provide adults with intellectual disabilities new opportunities

Refuge International Medical Brigade

08/2022

- Aided in providing medical assessments/treatments to patients with scarce economic resources and poor access to healthcare

## References

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Dr. Moulds-Merritt, MD - General Surgeon - (903)576-0865 - [Christine.Mouldsmerritt@uthet.com](mailto:Christine.Mouldsmerritt@uthet.com)