

TAYLOR CONTRERAS

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Austin, TX 78705

EDUCATION

The University of Texas at Austin, Austin, TX

May 2022

Bachelor of Science in Mathematics, Actuarial Science

GPA 3.74

Certificate in Applied Statistical Modeling

Relevant Coursework:

FIN 357 - Fall 2021

- Working with excel to analyze cost of capital, NPV, IRR, investment decisions, management of assets and procurement of funds

Computational Biology & Bioinformatics - Spring 2021

- Used coding in R, RStudio and Python to analyze and transform data

PROJECTS

- **Creating My Own Website:** Used Python, R and Rstudio to create a website to display past projects
Check it out: <https://taylorcontreras.github.io>
- **Wrangling and Exploring Data:** Used R and RStudio to combine datasets and analyze the relationship between SAT scores and teen pregnancy
<https://taylorcontreras.github.io/project/project1/>
- **Modeling, Inference and Prediction:** Used R and RStudio to conduct MANOVA testing, logistic regression and randomization testing to look at the relationship between many variables to find significance
<https://taylorcontreras.github.io/project/project2/>

EXPERIENCE

UT College of Natural Sciences, Austin, TX

August 2020 - Present

Texas Interdisciplinary Plan (TIP) - Lead Mentor

- Administers weekly trainings to 30+ student employees
- Strengthen training topics by brainstorming new ideas and collaborating with 8+ team members
- Directly presides over 8+ mentors and their own freshman group through the academic year
- Directly presides over 5+ freshman students through the academic year
- Demonstrate knowledge of campus resources and protocol as a mandated Title IX reporter
- Impacting and supporting 350-400 freshman students a year academically and mentally

UT College of Natural Sciences, Austin, TX

August 2019 - August 2020

Texas Interdisciplinary Plan (TIP) - Mentor

- Facilitated a small-academic community to support first-year students
- Directly presided over 5+ freshman students through the academic year
- Demonstrated knowledge of campus resources and protocol and as mandated Title IX reporter
- Presented weekly topics to promote first-year academic success
- Promoted academic excellence and intellectual investment

Orange Leaf Frozen Yogurt, San Antonio, TX

May 2020 - August 2020

May 2019 - August 2019

March 2017 - February 2019

Shift Leader

- Supervised staff employees and presided over store during operating hours
- Collected and secured finances at the end of each shift
- Interacted with and was available to 100+ customers each shift
- Prepared the store each morning and night for the next shift
- Supported new employees

Leasing Agent

- Collected fees, deposits and other finances
- Processed and verified applications and lease agreements
- Aided 200+ residents with complications and followed up to ensure satisfactory
- Conducted tours of the property to 10+ visitors each shift
- Facilitated communication between management and residents

LEADERSHIP & COMMUNITY INVOLVEMENT

UT Texas Interdisciplinary Plan Scholar, Austin, TX

August 2018 - May 2019

TIP Scholar

- Attended weekly meetings to encourage first-year academic success
- Promoted a small-academic community

UT American Medical Student Association, Austin, TX

August 2018 - May 2019

Member

- Attended weekly meeting to promote sciences of healthcare and medicine
- Encouraged community engagement among aspiring medical students

SKILLS

Technical /Computer Skills: Proficient R and RStudio, Intermediate Microsoft Excel, Basic Python, Microsoft PowerPoint

Languages: English

Certifications: Applied Statistical Modeling

HONORS AND AWARDS

- TIP Award of Academic Achievement
- University Honors
- Hispanic Scholarship Fund Recipient