

Current Address:

2518 Leon Street
 Apartment: 403
 Austin, TX 78705

Dylan Zisman

zisman.dylan@gmail.com
 (713) 703-2680

Permanent Address:

4611 Braeburn Drive
 Bellaire, TX 77401

EDUCATION

University of Texas, College of Natural Sciences, Austin, TX

Bachelor of Science and Arts in Biology

Major: Computational Biology

Certificate Program: Japanese

- Direct admission to College of Natural Sciences

May 2022
GPA: 3.52/4.00

EXPERIENCE

Project Clean Air, Houston, TX

May 2020 - August 2020

Research Intern

- Compiled and analyzed a due diligence report on the top seven most efficient nitrous oxide, volatile organic compound, and particulate matter control technologies for stationary industry
- Participated in bi-weekly team meetings about recent regulatory and technological developments in the air pollution control market
- Organized and delivered a presentation to upper management about the findings and recommendations per the due diligence report

Baylor College of Medicine – Division of Nephrology, Houston, TX

June 2017 - August 2017, June 2019 - August 2019

Student Laboratory Observer, Laboratory Assistant

- Researched the expression of the Stanniocalcin-1 hormone in mouse kidney and liver tissue through organ harvesting protocol
- Conducted multiple tests through the utilization of cell culture focused on the effects of ischemia/reperfusion injury to the kidney
- Attended weekly to bi-weekly laboratory team meetings to discuss the results of Western blotting, organ slide microscopy, and gel electrophoresis to extract the data used to write medical papers and request additional laboratory funding

Beth Yeshurun Day School Children's Summer Camp, Bellaire, TX

May 2016 - July 2016, May 2018 - July 2018

Counselor, Senior Counselor

- Scheduled and monitored the day-to-day activities of more than 40 three-to-eight-year old children for the nine-week camp
- Worked alongside a team of five other counselors in order to ensure proper program operations while guaranteeing child safety
- Collaborated with the camp media team to upload pictures to the camp website for parents to see their children while at work

PROJECTS

Biostatistics: The Coors Field Effect

Spring 2020

- Created statistical models using RStudio and Excel to compare MLB position player by-ballpark and career batting averages
- Analyzed data from the three most hitter-friendly MLB fields to determine the impact of a ballpark on overall batting average

Bioinformatics: Disproving the Effectiveness of Cheating in Major League Baseball

Spring 2021

- Used RStudio to show statistical evidence of the Astros' cheating having a negative impact on overall team performance
- Gathered data from around Major League Baseball to compare both player and team statistics from the 2019 and 2020 seasons

LICENSE & CERTIFICATIONS

Financial Accounting Fundamentals, Houston, TX

August 2020

Certification

- The certification is proof of one's understanding of commonly used financial statements, transactions, journal entries, and the ability to draw basic conclusions about a company's financial health

National Spanish Exam Silver Medal, Bellaire, TX

April 2017

Certification

- This certification implies that a student's Spanish language proficiency ranked in the top 50-75% nationally on the given exam

CITI Program Social/Behavioral Research Certification, Austin, TX

February 2020 - February 2023

Certification

- This certificate allows an individual to conduct human statistical research and collect data using human samples

SKILLS/ INTERESTS

Skills: Coding Experience (RStudio, Python, Excel, Java) / Laboratory Procedure

Interests: Bioinformatics / Software Design / Statistics / Golf / Baseball / Fishing

Languages: Spanish (Advanced), Japanese (Intermediate)