

# Austin Jones

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## EDUCATION

<b>The University of Texas at Austin</b>	Bachelor of Science in Mathematics Overall GPA: 3.93 Certificates: Elements of Computing, Applied Statistical Modeling	May 2024
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## RELEVANT COURSEWORK

### Elements of Data Visualization – Spring 2022

- Used Google Collab and Altair to visualize data with Python
- Created final project analyzing video game speed runs for various popular video games

### Elements of Data Science – Fall 2022

- Learned how to process, clean, tidy, and join datasets in R
- Learned visualization principles and how to apply them with ggplot2 in R
- Learned dimension reduction, clustering, classification metrics, and regression methods in R
- Created two projects analyzing relationships between COVID-19 levels and Amazon stock prices

## SUMMARY

Hard-working 3<sup>rd</sup> year Mathematics student with a passion for leveraging data to produce real-world insights. Experience working in teams with a preference for collaborative, forward-looking companies that are innovating in the data visualization and analysis spaces.

## EXPERIENCE

<b>UT TIDES</b> - <i>Research Assistant</i> ; Austin, Texas	May 2022 - Present
<ul style="list-style-type: none"><li>• Performed data preprocessing by cleaning Excel sheets and CSVs, inputting missing values and deriving new fields</li><li>• Created dashboard in Tableau to visualize data</li><li>• Strategized with boss weekly to discuss next steps for current and future projects</li><li>• Created tables from Excel sheets to analyze trends regarding multiple variables for various groups</li></ul>	
<b>Varsity Tutors</b> - <i>Mathematics Tutor</i> ; Virtual	May 2021 - August 2021
<ul style="list-style-type: none"><li>• Tutored students in 10 mathematics subjects, took certification tests for each subject tutored</li><li>• Received 5-star average tutor rating from multiple client reviews</li><li>• Achieved &gt;5% grade or score increase for clients by developing personalized tutoring plans for clients and utilizing interactive learning techniques</li></ul>	
<b>Lonestar Pool Management</b> - <i>Lifeguard, Swim Instructor</i> ; Cypress, TX	May 2019 - August 2020
<ul style="list-style-type: none"><li>• Ensured safety of patrons on waterslide, diving board, and in lazy river at Towne Lake Waterpark</li><li>• Performed check-in duties for residents and guests, cleaned pools and bathrooms, set up/tore down equipment, checked pool chemicals to ensure safe levels, and inventoried furniture, safety equipment and lost and found items</li><li>• Instructed children in introductory swimming techniques including floating, exhaling underwater, diving for pool toys, and basic stroke techniques</li></ul>	

## LEADERSHIP EXPERIENCE AND ACTIVITIES

<b>Longhorn Swim Club</b> - <i>President (Summer 2022 – Present)</i>	Fall 2021 - Present
<ul style="list-style-type: none"><li>• Authored monthly newsletters with the officer team to discuss club dues, meets, practice schedules, socials, etc.</li><li>• Met weekly with officer team to discuss plans for coming weeks including finances, meet transportation, socials, and other strategic planning</li><li>• Created training regime for practices, lead practices while swimming, provided transportation to meets and socials</li><li>• Organized transportation, relays, and finances for meets, and general finances, socials, and volunteer opportunities</li></ul>	

## ADDITIONAL INFORMATION

**Skills:** Experience with SQL, proficient in Python, R, Excel, Tableau and Java, comfort with Windows and Common Programs

**Certifications:** CITI Human Subjects Research Training, LinkedIn Learning Data Visualization: Storytelling, LinkedIn Learning Quick Start Guide to SQL, LinkedIn Learning SQL Queries Made Easy, Microsoft Excel, Word, PowerPoint, and Access

**Interests:** Data Analytics, Coding, Grunge and Alternative Rock, Rock Climbing, Swimming

**Work Eligibility:** Eligible to work in the U.S. with no restrictions

**Honor Societies:** Golden Key National Honor Society, National Society of Collegiate Scholars

**Languages:** Fluency in English, Basic Spanish Knowledge