

AYANNA FISHER

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2023

Bachelor of Science and Arts, Neuroscience

Certificates, Applied Statistical Modeling, Elements of Computing, Pre-Health Professions

Relevant Coursework: Behavioral Statistics, Computational Biology, Elements of Computing, Statistical Modeling

SKILLS AND INTERESTS

Computer Skills:

- Proficient in Google Sheets, Slides, Microsoft PowerPoint; Intermediate in Python, R, Microsoft Excel, Canva, Figma

Languages:

- Conversational in Spanish; Basic in Korean

Interests:

- Data science, data analytics, cognitive sciences, computational biology, neurobiology, UX design

PROJECTS

- **Exploratory Data Analysis** - Wrangled datasets to visualize and analyze possible statistically significant relationships between GDP and the condition of infrastructure in the United States using R
- **Statistical Modeling** - Analyzed Google Play Store app data with statistical methods such as logistic regression and lasso to observe the presence of significant predictors

RESEARCH AND ACTIVITIES

American Chemical Society Project SEED, San Antonio, TX

Summer 2018

Research Lab Intern

- Independently conducted experiments focused on chemically synthesizing a chemotherapy drug using the inhibitor PARG
- Utilized and learned how to handle machinery on the go, such as rotary evaporators, flash column chromatography, etc.
- Designed a powerpoint display to present results to 20+ chemists in the South Texas area

Freshman Research Initiative, Austin, TX

Fall 2019 - Spring 2020

Student Research Assistant

- Facilitated research on the neurological basis of *D. melanogaster* aggressive behavior during mating
- Worked closely with other students to build statistical models using Rstudio
- Studied and performed experiments on *D. melanogaster* and their molecular mechanism of alcohol tolerance

Women in Computer Science, Austin, TX

Spring 2021 - Present

Active Member

- Assist in organizing virtual workshops highlighting opportunities and skills in the field of computer science
- Develop skills in programs, such as python, with other members of the organization
- Help efficiently coordinate events to recruit future members interested in programming

WORK EXPERIENCE

Fan Services, Austin, TX

Jan 2020 - Mar 2020

Student Assistant

- Greet and direct consumers in an orderly fashion to the correct location within the stadium
- Reduce consumer stress by providing adequate assistance and guiding the customer to the desired location

Taco Bell, San Antonio, TX

Nov 2018 - May 2019

Cashier

- Learned to accurately utilize the point-of-service (POS) computer system during fast paced periods
- Prepared the front and backend of the store to maintain a high quality atmosphere for the customers and team members
- Consistently communicated with coworkers to provide the best experience for the clientele