

ANNE FU

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computational Biology Certificates: Elements of Computing Science (CS), Applied Statistical Modeling Relevant Coursework: Elements of Data Science, Elements of Graphics Visualization, Elements of Software Design Overall GPA: 3.94	May 2025
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EXPERIENCE

Dura Software – IT Intern; San Antonio, TX	June 2023 - Aug 2023
<i>Company that specializes in hyper-niche software products that fit narrow but mission-critical use cases for business customers</i>	
<ul style="list-style-type: none">• Generated data models from large datasets to analyze cyber security threats and determine security risks within company• Developed SQL scripts in Domo to facilitate data outputs across multiple visualizations for easier interpretation• Investigated Salesforce data to evaluate possible underlying issues with equity companies for the purpose of improving revenue	
The Snodderly Lab at UT Austin – Undergraduate Research Assistant; Austin, TX	Sept 2022 - Present
<i>Research program focusing on the visual ecology and behavior of monkeys in their natural habitat</i>	
<ul style="list-style-type: none">• Model data from multiple sources using "ggplot" and "dplyr" packages in R Studio for easier interpretation of activity patterns• Investigate relationship between activity levels and circadian rhythms of different monkey species using statistical modeling• Consolidate data from multiple sources to one source, standardizing the excel data files for easier access and use	
First-Year Research Initiative: X-Plants Stream – Undergraduate Research Assistant; Austin, TX	Jan 2022 - May 2022
<i>Research stream in the nation's largest undergraduate research program that focuses on genomic analyses of P. Hallii grasses</i>	
<ul style="list-style-type: none">• Coordinated with other freshmen to collect raw data of P. Hallii and analyze effects of different mutations on plant stomata• Created R script files to model observations into a clean and easy-to-understand visual representation of data• Explored how different P. Hallii mutations affect the stomata phenotype using statistical analytical methods to find significance	

ACADEMIC PROJECTS

SDS 322E Classification and Prediction	April 2023
<ul style="list-style-type: none">• Constructed a k-nearest-neighbors model in R Studio to classify and predict overall ambulance arrival compliance, cross validating a 90% accuracy with "caret" and "plotROC" packages• Formulated predictions of grouped ambulance compliance using clusters defined by k-means method• Utilized dimension reduction analysis methods to extract variables that account of variance of the ambulance data	
SDS 322E Wrangling and Visualization	March 2023
<ul style="list-style-type: none">• Wrangled and tidied 12 years of ambulance data from 2 different Austin Government data sources with R Studio "dplyr" package for easier examination• Summarized significant differences in scheduled ambulance response times between Austin and Travis County through models designed with "ggplot" package from R studio	

LEADERSHIP EXPERIENCE AND ACTIVITIES

Delta Epsilon Mu – Secretary (Fall 2023 – Present), Communications Manager (Spring 2021 – Present)	Fall 2021 - Present
<ul style="list-style-type: none">• Streamlined easier method of communication between members ensure that members have access to all resources in one space• Organized points and club specific information of around 100 members through Excel for reporting to National chapter	
UT Archery Club – Competitive Member	Fall 2021 - Present

ADDITIONAL INFORMATION

Computer Skills: Python, R Studio, Java in Processing, Microsoft Office
Certifications: Domo Data Specialist Certification v2.0
Languages: Conversational in Mandarin (Chinese)
Work Eligibility: Eligible to work in the U.S. with no restrictions