WENXUAN ZHOU

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EDUCATION

The University of Texas at Austin, Austin, TX   05/2022
Bachelor of Science in Biology
  Concentration in Computational Biology; GPA **3.99** with 20 hours of work/week
  Certificate in *Scientific Computation & Data Sciences*; ***Certificate*** in *Elements of Computing*

Coursework & Technical Skills:

- ***Genetics, Computational Biology, Probability, Elements of Software Design***
- ***DNA forensic analysis***
- ***Python and R for data/statistical analysis***
- ***Specify for herbarium database collection***
- ***Familiar with Word, Excel, and PowerPoints***

EXPERIENCE

George A Yatskievych, Austin, TX   09/2018 - Present
Herbarium Undergraduate Research Assistant *(20 hours/week)*

- Organize thousands of specimen information into database utilizing Specify software
- Develop effective **communication** to identify and correct errors when found

Biostatistics Project Assignment – The Effect of Economic Status and Education level of Women on Crude Birth Rate

- Performing *independent research* utilizing statistical software R to analyze the database, interpreting and reporting results with t-test, linear correlation and chi-square test

Computational Biology Projects – Wrangling & Exploratory Data Analysis and Modeling, Inference, Prediction

- Analyze datasets with MANOVA, randomization, and logistic regression models
- Details available at https://wen-xuan-zhou.github.io/

ACTIVITIES & LEADERSHIP

University of Texas at Austin Peer-Led Undergraduate Studying (PLUS) Session Facilitator   02/2020 – 05/2020

- Lead PLUS sessions every week to help attendees understand course materials
- Develop **personal skill** including **listening, coordinating and focused communication** with students
- Provide feedback and recommendations to professor

University of Texas at Austin Orange Santa Volunteer   12/2018

- Communicate with incoming families to find the best gift
- Cooperate with partners to manage store inventory

OTHER SKILLS

Languages:

- Fluent English, Fluent Chinese