

Carson Bruno

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EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN

Expected graduation May 2024

Bachelor of Science, Neuroscience

Elements of Computing Certificate

GPA: 3.95

Relevant Coursework: Elements of Computing, Software Design, Elements of Data Science, Programming/Data Analysis for Modern Neuroscience, Neural Computation

RESEARCH EXPERIENCE

Research Assistant

August 2022-Present

DEVELOPMENTAL INTELLIGENCE LAB

- Complete frame by frame in-hand coding tasks for experiment footage
- Transcribe speech for experiments
- Attend weekly lab meetings to discuss project updates as well as review papers to improve scientific literacy

WORK EXPERIENCE

Labor Coordinator

May 2022-Present

Taos Cooperative

- Consider schedules of over 100 residents
- Use Pandas and openpyxl to create a more accessible Excel sheet with availabilities for all members
- Oversee performance of labor and keep track of any violations in Excel
- Attend meetings with other house officers to discuss issues within the house

TEACHING EXPERIENCE

Undergraduate TA

January 2023-Present

Intro to Neuroscience

- Co-host weekly discussion sections on class material
- Grade exams and evaluate grade statistics to help determine best course of action
- Meet weekly with TA team and professor to discuss material and class performance

PLUS Facilitator

September-December 2021

Intro to Statistics, Intro to Neuroscience

- Co-led groups of up to 20 in study sessions concerning oftentimes difficult class material
- Prepared interactive study materials each week and provided support in working through them
- Met with professor each week and discussed material for a better understanding on how to guide students

SKILLS

Programming Languages: Python, R

Libraries: Pandas, Numpy, Matplotlib, Scikit-learn, Pytorch