

Jadon Hsu

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EDUCATION

Bachelor of Arts in Applied Mathematics, *Wheaton College*, Wheaton, IL

Anticipated May 2024

- GPA: 3.79/4.00
- Dean's List
- Minor in Biology

EXPERIENCE

Math Teaching Assistant, *Wheaton College*, Wheaton IL

August 2023- Present

- Worked as both a drop-in math tutor for a variety of math classes as well as a Lab Assistant for Calculus 2
- Provided expertise in Calculus 1 and 2 as well as organized and ran a weekly lab for 15 students working on problems

Math Teaching Assistant, *Valor Christian High School*, Highlands Ranch, CO

Summer 2023

- Worked as a teaching assistant for a class of 30 students tailored for students who had failed a semester of math
- Developed a new curriculum, answer keys, and provided information and resources for 30 students 4 days a week

Biology Lab Teaching Assistant, *Wheaton College*, Wheaton, IL

January 2023 – Present

- Provided lab expertise for 15 students twice a week in developing and implementing research opportunities in the study of kelp gametophytes
- Oversaw the organization and design of original experiments including the construction of a research journal article

Private Tutoring, *Remote*

Summer 2022- Summer 2023

- Tutored College Junior in Chemistry and Pre-Calculus twice a week
- Developed effective communication strategies for interacting with individuals with learning challenges

Tutoring, *Valor Christian High School*, Highlands Ranch, CO

Summer 2021-Present

- Tutored high school Juniors and Sophomores in Chemistry, Geometry, Algebra 1, Algebra 2, and College Algebra for up to 6 sessions a day
- Developed methods for tutoring and introducing new material in an effective manner
- Organized and effectively communicated with up to 15 students on meeting times, learning strategies, and study tips

Technical Skills

- RStudio: Used for statistical analysis of different data sets as well as the graphical construction of different types of data presentation.
- Javascript: Used in solving a variety of technical problems
- Python: Used for coding problems as well as Jupiter Notebooks for statistical analysis
- SQL: Used for management and sorting of large data sets
- JMP 16.1: Used for the creation of two-way ANOVA tables and understanding the variance of data sets.
- Matlab R2021a: Used for the analysis of matrices and the creation and solving of eigenvectors.
- SigmaPlot 14.0: Used for data analysis and graphical comparison between two different sets of data.
- Excel: Used for data analysis, simulation models, and handling of data sets and statistical analysis