

Jordan Syring

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SUMMARY

Aspiring biochemist with a strong analytical and mathematical background, experienced in laboratory techniques and data analysis. Seeking undergraduate opportunities to apply quantitative reasoning and experimental skills in a scientific research setting.

EDUCATION

Bachelor of Science in Biochemistry | The University of Tampa | May 2028

Minor: Mathematics

GPA: 3.84

Honors: Dean's List (2025 Spring, 2025 Fall)

Relevant Course Work: General Chemistry I & II, General Biology I & II, Organic Chemistry, Genetics, Calculus I-II-III, Analytical Chemistry

EXPERTISE

Laboratory and Technical Skills: PCR, Gel Electrophoreses, Pipetting & Solution Preparation, NMR & IR Spectroscopy, Laboratory Data Collection & Error Analysis

Data & Software: Microsoft Excel, Python, ImageJ, Statistical Reasoning & Data Interpretation

Professional Skills: Problem Solving, Technical Writing, Attention to Detail, Time Management

EXPERIENCE

General Chemistry Mentor | University of Tampa | August 2025 – Present

- Assisted undergraduate students in General Chemistry I & II with problem-solving, stoichiometry, equilibrium, and thermodynamics
- Facilitated one-on-one and small group learning by translating complex chemical concepts into clear, understandable explanations
- Supported student exam preparation by applying quantitative chemistry techniques, including stoichiometric calculations, equilibrium analysis, and thermodynamic problem-solving

Physical & Chemistry Laboratory Projects | August 2024 – Present

- Conducted controlled laboratory experiments involving data collection, statistical analysis, and error evaluation
- Analyzed experimental results using mathematical models and graphical methods
- Prepared formal lab reports following scientific standards

Data & Analysis Projects (Coursework)

- Applied calculus and statistical concepts to analyze biological datasets
- Interpreted trends and variability in experimental results

Volunteer | Matlacha Hookers – Matlacha, FL | October 2022 – August 2024

- Assisted with post-hurricane cleanup, debris removal, and community restoration projects
- Contributed to restoration of local facilities and community spaces following storm damage
- Supported organization-led recovery events and volunteer initiatives

ACTIVITIES & INVOLVEMENT

General Chemistry Peer Mentoring, American Society for Biochemistry and Molecular Biology (ASBMB) Student Chapter Member, Independent Study in Programming and Data Analysis