

# Bella Salter

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## EDUCATION

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**University of Arizona Honors College** Aug 2021 - May 2025  
Bachelors of Science in Computer Science, Mathematics 3.3/4.0  
Minor in Statistics and Data Science

## EXPERIENCE

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**Undergraduate Teaching Assistant | University of Arizona** Jan 2024-current

- Assist in teaching the upper-level courses Theory of Probability and Cloud Computing
- Communicate effectively with students and professors during exam and homework reviews
- Creatively present problems to peers to aid in retention and learning during office hours

**Student Researcher | Pauli Lab at University of Arizona** Mar 2023-current

- Design a personal project using an LSTM model to analyze lettuce growth patterns and biomass production
- Collaborate with a team of researchers to work on the PhytoOracle machine learning pipeline for plant phenotyping
- Use statistical analysis to determine significance of results and informational value of different data visualization methods

**Tape Development Co-op | IBM** May 2023-May 2024

- Solve issues and add function on both the frontend and backend using JavaScript, Java, and C++
- Extensively test development issues before code deployment for fixpacks
- Prepare for collaboration during team meetings

**Instructional Design Assistant | University of Arizona** Jul 2022- Mar 2023

- Collaborated with instructional designers on projects for course development and improvement
- Coded course modules in HTML to optimize navigation and clarity of course materials
- Researched new course tools to enhance students' learning experience

## EXTRACURRICULARS

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**Media Officer | University of Arizona MathCats** Aug 2023-current

- Organize engaging meetings, lectures, and events for members to expose them to new areas of mathematics
- Arrange opportunities for education on diversity and inclusion within the University of Arizona mathematics community
- Participate in outreach opportunities in the Tucson and University of Arizona communities

**Member | University of Arizona Sports Analytics Club** Jul 2024-current

**Member | University of Arizona Black N Blue Hip Hop Crew** Aug 2023-current

**Member | University of Arizona Students for Sustainability** Aug 2022-current