

SAMPLE RESUME

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Career Goal: I am seeking a summer internship in an industry or organization where I can apply my mathematical knowledge and my analytical/problem-solving abilities. I have augmented my mathematical studies with courses in computer science and I am interested in finding a position where I can combine mathematical analysis with numerical simulations.

Education:

The University of Arizona, 2021-present

Major: Mathematics. Minor: Computer Science

GPA: 3.4, Major GPA: 3.5, Minor GPA: 3.4

Expected graduation date: May 2024

Valley High School, Graduated 2021

Boca Raton, California

College credit earned in high school: I earned college credit for first semester calculus.

Computer skills: I have a solid general knowledge of computers as well as proficiency in Python and C.

Relevant coursework completed by May 2024:

Mathematics courses: Calculus 1, Calculus 2, Vector Calculus, Introduction to Linear Algebra, Formal Mathematical Reasoning and Writing, and Analysis of Ordinary Differential Equations, Complex Variables

Computer science courses: Introduction to Computer Science, Program Design and Development, and Object-Oriented Programming and Design

Other Relevant Courses: Two semesters of Chemistry and one semester of Biology

Work Experience:

I was an Undergraduate Teaching Assistant in Fall 2023 for Vector Calculus. My supervisor was Dr. W. Valentoso. I met with Dr. Valentoso biweekly to discuss the topics that were coming up. I held weekly review sessions for the students and worked with individual students who requested additional help.

I held an Undergraduate Research Assistantship in Spring 2023 under the direction of Dr. Warren. I am investigating the practicality of reconstructing phase information from images taken in two different focal planes (the near field and the far field). This research will continue into next academic year.

Honors/Awards: I received Honorable Mention for Fall Semester 2021 and was on the Dean's List for the other semesters. As an out-of-state student and I have been received out-of-state tuition waivers. I have also been part of the Honors College since my first year.

Activities: Since Fall 2021, I have been a member of Math Cats, the Undergraduate Mathematics Club. I have participated in several outreach activities sponsored by this club. I am also a member of the Microsoft Student Users Group: A club dedicated to the discussion of programming technology and theory, both of Microsoft and in general.

Volunteer Work: I was a volunteer mathematics tutor at a middle school (five hours per week) during the academic year, 2022-2023.

Citizenship: USA

Availability Date: May 31, 2024 – August 13, 2024