

Zack Freeman

Salt Lake City, Utah | (801) 395-4696 | rzacktodd@gmail.com

SKILLS

- Programming Languages: Python, C++, C#, Java
- Experience successfully working with teams and coordinating tasks
- Experience leading discussions and teaching small classes (~30 students)

EXPERIENCE

University of Utah Physics and Astronomy, Salt Lake City – *Undergraduate Research Assistant | Learning Assistant | Mentor*

May 2022 – PRESENT | Fall 2022 | January 2022 – Present

- **Undergraduate Research Assistant** – I work under Dr. Anil Seth and my current research project involves detecting black holes in a cluster of stars named Omega Centauri. I started my work through the **Research Experience for Undergraduates (REU)**.
- **Learning Assistant (Fall 2022)** – Assisted Dr. Gail Zasowski with developing discussion problems and leading discussions in the intro to astrophysics course.
- **Physics and Astronomy (PANDA) mentor and committee member.**

The Front Climbing Club, Ogden, Utah – *Front Desk Lead | Risk Management Specialist*

May 2020 – May 2022

Managed front desk operations as Front Desk Lead and operated as the Risk Management Specialist for the Ogden location.

EDUCATION

University of Utah, Salt Lake City, Utah – *Computer Science and Physics with an emphasis in Astronomy and Astrophysics*

August 2020 – May 2025

Currently pursuing a double major in Computer Science and Physics, with an emphasis in Astronomy and Astrophysics.

- Member of School of Computing's Undergraduate Advisory Committee (UgSAC).

AWARDS

- Dean's List | University of Utah | Fall 2020 Semester – Current Semester
- Associates of Science | High Honors | Weber State University | Spring 2020
- Early College Achievement Award | Weber State University | Spring 2020
- High Academic Excellence | Weber State University | Spring 2020
- Multiple scholarship awards