

AUSTEN MILLER

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EDUCATION

Utah Valley University, Orem, UT

B.S. in Bioinformatics (Expected May 2025)

A.A. in Humanities & Social Studies (with Honors, December 2023)

- Dean's List Spring 2022-Fall 2023 (GPA: 3.80)
- Minor in Biology
- Experience in R (tidyverse, time-series, modeling) and Python programming languages
- Interest in fungal ecology, plant microbiomes
- Enrolled in UVU Honors Program
- Published in Untold UVU Honors Journal "Facebook Meme Page Data Analysis", Fall 2023

Saint Louis University-Madrid Campus, Madrid, Spain

General electives, History, and Spanish classes, September 2015–May 2018

- Recipient, Service Award – Campus Ambassador
- First Prize Recipient, Ignacio de Loyola Creative Writing in Spanish Contest of 2018
- First Prize Recipient, Georgia Johnston Award for Creating Writing in English 2018
- First Prize Recipient, Leadership & Service Award 2018 – Cinema Club Leader

SCHOLARSHIPS/FUNDING

National Science Foundation S-STEM Fellow

- Total Funding \$25,950 (\$4,315/Semester), August 2022 - Present

UVU College of Science SAC Faculty Mentored Research Grant

- "The Relationship of Foliar Fungi to Plant Root Architecture Utilizing Transparent Soil"
- Total Funding \$917, April 2023

UVU Honors Housing Scholarship

- Total Funding \$7,800 (2 years, \$325/Month), August 2023 - Present

UVU The Office of Education Abroad 2023 Study Abroad Scholarship

- Total Funding \$500, 3/17/2023

Cordell Roy Scholarship

- Total Funding \$451, 5/12/2022

RESEARCH EXPERIENCE

Dr. Geoffrey Zahn Research Lab, Utah Valley University, Orem, UT

Member, November 2022-Present

- Involvement in undergraduate research projects (see above)
- Participated in presentations and discussions on scientific papers

S-STEM Research Symposium, Utah Valley University, Orem, UT

December 2022

- Designed and presented proposal for research project for NSF S-STEM program
- "Spatial dynamics of foliar fungal community structure in the Pando Aspen Clone" (currently ongoing)

EXPERIENCE

Fulton Library Roots of Knowledge, Orem UT

Utah Valley University Roots of Knowledge Research Assistant, January 2023-June 2023

- Researched, fact-checked, and wrote historical item descriptions on RoK Virtual Tour App
- Assisted with creating thematic guides, such as "environmental" and "LGBTQ" history

- Featured in UVU Fulton Library newsletter “Team Fulton” March 2023 spotlight
- Assisted with tours and translation of material into Spanish

Capitol Reef National Park, Torrey UT

Utah Valley University Field Station Cultural Resources Intern, May 2022-August 2022

- Assisted with archeological inventory and documentation of archeological resources
- Assisted with museum management and annual reporting activities
- Entered field inventory and monitoring data into park databases and ArcGIS

Utah State Hospital, Provo, UT

Psychiatric Technician, March 2020–December 2021

- Taught patients daily living skills
- Intervened in crisis situations
- Observed, monitored, recorded, and reported patient behavior

Advanced Recovery Services, LLC, Murray, UT

Administrative Intern, October 2018–January 2020

- Assisted with licensing for collections and conducted administrative tasks

Revolution Snowboard Manufacturing, Orem, UT

Administrative Intern, December 2014-May 2015

- Assisted in preparing presentations for investor meetings
- Attended trade shows in Las Vegas & Puerto Vallarta

SYNERGISTIC ACTIVITIES

National Science Bowl - Utah, Utah Valley University, Orem, UT

Volunteer, February 2023 Competition

- Worked as Timekeeper operating the competition clocks and timing questions

Casa de Acogida San Isidro Homeless Shelter, Madrid, Spain

Volunteer, November 2019–January 2020

- Instructed in English and social skills to help people reintegrate themselves into society

Campus Ambassador, Saint Louis University, Madrid Campus, Madrid, Spain

Volunteer, May 2017-May 2018

- Organized and ran university orientations acting as new students’ first contact
- Chaperoned group trips of approximately 100 students to cities around Spain
- Collaborated with university staff and represented the university to distinguished guests

CPR Certified–American Red Cross, Provo, UT

March 2020–March 2022

PERSONAL

- Dual citizen of Spain and the U.S.; fluent in English and Spanish, learning Portuguese
- Enjoy alpine skiing, hiking, desert hot springs, and board games
- Founder & Science Content Contributor, “Philosophical Gym Bro” Facebook & Instagram Blog (10,000 followers)