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# MARISSA OHRAN

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## SKILLS

- Bilingual:
  - English
  - Spanish
- Problem Solving
- Pipetting
- Microscopy
- DNA Extraction
- Introductory Phylogenetics
- Microsoft Office:
  - Word
  - Excel
  - Powerpoint
- Google Drive:
  - Docs
  - Sheets
  - Slides
- Following Instructions
- Patience
- Coding
  - R for Statistics
  - Python
  - Command Line Interface

## EDUCATION

**Utah Valley University, Orem, UT** – *Bachelor of Science (In Progress)*

Projected MAY 2023

MAJOR: **BIOINFORMATICS**

MINOR: **BIOLOGY**

### Relevant Courses:

- Heredity
- Prehistoric Life
- College Biology I & II
- Genetics
- Vertebrate Zoology
- Molecular Biology
- Principles of Chemistry I & II
- Microbiology
- General Ecology
- Cell Biology
- Molecular Evolution and Bioinformatics
- Principles of Evolution
- Mycology

**Currently Enrolled in:**

- Fundamentals of Programming
- Data Analysis for Biologists
- Bioinformatics Data Skills
- Introduction to Bioinformatics
- Principles of Statistics

**Utah Valley University, Orem, UT** – *Associate of Science*

APRIL 2015

MAJOR: **UNIVERSITY STUDIES**

**Relevant Courses:**

- General Biology
- Web Application Design
- Understanding Technology
- Introduction to Academic Writing
- Intermediate Writing Science and Technology

**RESEARCH EXPERIENCE**

**Mycology Course-based Undergraduate Research Experience** – *Utah Valley University, Orem, UT*

AUGUST 2021 – DECEMBER 2021

- Conducted research on the fungal population of Utah Lake under the direction of Dr. Geoffrey Zahn
- Assisted with sample collection
- Assisted with extraction of DNA

**PRESENTATION EXPERIENCE**

**Effects of Aquatic Fungi in Utah Lake**

- Feb 2022      Utah Conference on Undergraduate Research (UCUR) 2022, St. George, UT
- Dec 2021      Utah Valley University Undergraduate Poster Session

**Primate Tail Evolution**

- Dec 2021      Utah Valley University Undergraduate Poster Session

## COMMUNITY OUTREACH

- March 2022 “SHEroes in STEM” Thanksgiving Point Event

## EMPLOYMENT

### **Evermore Park, Pleasant Grove, UT** – *Animal Handler*

NOVEMBER 2019 – PRESENT

I educate patrons about a variety of birds and reptiles, handling and presenting the animals during wildlife programs, as well as answering questions about them outside of the shows.

- Clean cages
- Safely handle the animals
- Present animals in shows

### **Christa McAuliffe Space Center, Pleasant Grove, UT** – *Supervisor*

NOVEMBER 2015 – PRESENT

I help run immersive spaceship simulators, telling stories set in a fictional universe where our patrons become the ship’s crew and heroes of the story.

- Assist with the spaceship simulations
- Greet patrons as they arrive
- Organize and train volunteer actors
- Operate audio/video equipment
- Troubleshoot audio/video equipment
- Effectively use Google Docs and Google Sheets
- Maintain a clean and safe learning environment
- Ensure that patrons have the best experience possible