Contact

Salt Lake City, UT

madelyn.warr@gmail.com

385-645-9234

A student passionate about computer science, math, and biology. Always seeking a new challenge and opportunity to learn. Eager to use prior educational experience to solve meaningful problems.

Madelyn Warr

July-August 2024 2023

Pre-Research Experience

University of Utah – Department of Mathematics

* Thought through complex mathematical problems related to dynamical systems with other undergraduates, professors, and graduate students
* Gained experience with Latex and mathematical proof-writing in a simulated mathematical research environment

Skills

Java

C#

Python

Git

Latex

Linux command line

Unit Testing

Relevant Classes

Completed

Software Practice I

Data Structures & Algorithms

Linear Algebra

Discrete Mathematics

In Progress

Graph Theory

Bioinformatics & Genomics

Genetics

Theory in Practice Research Group

University of Utah – Department of Computer Science

* Attend weekly meetings and collaborate with other students and professors
* Ran experiments on large social networks to collect data on information fairness
* Planned an experiment around a question relating to information fairness, collected and analyzed data, and presented my findings to our collaborators

August 2024-Present

Programming Instructor

University of Utah – Department of Computer Science

* Instructed over 30 kids on the basics of computer programming
* Helped design engaging and instructive projects and lessons

June-July 2024 2023

Accomplishments

Top Ten Award

* Ranked in the top ten students in a high school class of 800 based on GPA and course rigor

June 2023

Young Technology Scholar Award

* Selected by the Utah Board of Education for proficiency in information technology

May 2023

Education

Experience

University of Utah

Salt Lake City, UT

* Bioinformatics Major
* Computer Science Minor
* 4.0 GPA

Graduation Expected May 2027