

# KYMBERLY LARSON

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## EDUCATION

### Brigham Young University

Major: Computer Science, Emphasis in Animation and Games

- GPA 3.81
- Member of the Honors Program

August 2020 - April  
2025

## EMPLOYMENT

### Teaching Assistant | BYU CS Department

August - December 2023

- Taught C programming in the context of system-level concepts such as sockets, signals, job handling, process management, and more.
- Enhanced assignment clarity and conducted review sessions.

### Lab Lead | BYU Family History and Technology Lab

January 2022 - August  
2023

- Brainstorm, develop, and deploy new web applications using AWS infrastructure to encourage exploration of genealogy.
- Conduct weekly meetings, assessing project priorities and progress.

### Marketing Intern | FamilyBinds

March - August 2021

- Researched and drafted blogs concerning the relationship between one's ancestral knowledge and emotional resilience.
- Spread awareness and product updates through social media posts.

### Teaching Assistant | BYU CS Department

August - December 2021

- Mentored and taught aspiring students taking Introduction to Computer Science in C++ and foundational technical concepts.

## VOLUNTEER EXPERIENCE

### Inclusion, Diversity, and Equity Mentor | BYU CS Department

August 2022 - April  
2023

- Aid and support students with resume help, interview preparation, and challenging computer science work.
- Organize and lead activities designed to foster an inclusive environment within the CS department.

## PROJECTS

### Ray Tracer

C++

Render spheres and rectangles. Able to change camera ratio and lighting.

### FamilyTech Games

NextJS | AWS

A web application that hosts numerous games employing the user's FamilySearch data.

### Travelling Salesperson

Python

Using a Branch and Bound algorithm, finds approximate solutions for a NP-Hard problem.

### Family Map

Java | Android

An app that displays a Google Map which visualizes the user's family data through markers and lines.

## SKILLS

- Python
- Java
- C++/C
- HTML/CSS/JavaScript/TypeScript
- Angular, Vue, React, NextJS
- Android Studio
- Vim

- Terraform
- Figma
- Maya
- Houdini