

## Education and Relevant Coursework

**B.Sc. Computer Science**, Iowa State University, Ames, IA.

2023–2027

**B.Sc. Math with Applications**, Iowa State University

4.00 Cumulative GPA

**Coursework:** Data Structures, Discrete Computational Structures, Design & Analysis of Algorithms, Software Construction and User Interfaces, Computer Architecture, Comedy College

## Professional Experience

**Undergraduate Research Assistant**

**Iowa State University**

**Dec 2023–Present**

- C# development in Unity to create interactive, live-session VR program hosting tens of players and interactive USD objects
- Worked alongside partner with an agile development methodology, consistently reviewing plans, progress, and expectations for the project
- Weekly 30 minute stand-ups with mentor to communicate progress, plans, and challenges

## Projects & Outside Experience

**Personal Portfolio** | *Figma, HTML/CSS, Javascript, Vite, Vercel, Git*

**Feb 2024**

- Deployed interactive and responsive page with 370+ lines of HTML and vanilla CSS styling
- Implemented a theme toggle utilizing JS and local storage to change between dark/light mode
- Implemented lazy loading for page performance using JS Intersection Observer

**MockAFSC** | *React.js, TailwindCSS, Vite, Vercel, Git*

**Feb 2024**

- Developed mock website for the Ames Figure Skating Club to demonstrate possible UX improvements
- Utilized React.js and TailwindCSS to create 3 interactive, aesthetic, and responsive pages

**First-Year Honors Leader**

**ISU Honors Program**

**Feb 2024–Present**

- Attend 6 leadership training sessions throughout the spring semester for leadership education
- Worked with a co-leader to create a 15-week curriculum consisting of weekly lesson plans and activities
- Served as a mentor and peer to 13 first-year ISU honors students to ease their transition into ISU

**BuildDSM v1 Hackathon**

**Theme: Vet Tech**

**Feb 2024**

- Attended and competed in local, 24-hour hackathon and worked in a team of 3 to produce BOBP
- Worked as front-end engineer on a web-app to serve pet owners by creating a holistic pet-care interface
- Functioning form validation for login/sign-up, as well as implementation of Google Maps API for locating clinics

## Skills

Technical Skills: Java, Python, C#, HTML/CSS, JavaScript, React, Tailwind, Git/Github, Bash

## Awards

**1st Place CSE Competitive Programming Competition**

**Sep 2023**

Alongside two team members, solved 7 programming problems within 30 minutes out of the allotted 4 hours