

Kalina Tran

Software Engineer

Kalinathi86@gmail.com | (385) 630-3411 | [Github](#) | [Portfolio Site](#)

EDUCATION

University of Utah - *BS in Computer Science; Accounting Minor*

August 2023 - May 2027

GPA: 3.9

Salt Lake City, Utah

Relevant Courses: Object-Oriented Programming; Data Structures & Algorithms; Software Practice I & II; Web Software Development I & II; Databases; Algorithms

EXPERIENCE

Somali Community Self-Management Agency | *HTML, CSS, Javascript, Cloudflare*

09/2025 - current

Volunteer Web Developer

Salt Lake City, Utah

- Conducted a comprehensive audit of 6 landing pages, identifying **20+** actionable design/structural improvements.
- Revamped site with **enhanced user interface** design to better convey information and emphasize the need for action
- Communicated technical constraints to **non-technical stakeholders** to align design revamp with organizational goals.
- Leveraged Google Lighthouse to achieve a **60%** increase in performance, **55%** improvement in accessibility, and **37%** boost in SEO evaluation.

Elite Accountants Inc.

06/2022 - 07/2022

Accounting Intern

Salt Lake City, Utah

- Streamlined payroll data migration and **verified financial data integrity**, applying **accounting principles** to ensure accuracy during software transition.
- Identified and **resolved discrepancies** in transactions and bank statements for clients through daily bookkeeping.
- **Communicated** verbally with a cross-functional team during high-pressure tax season, ensuring seamless service delivery.

PROJECTS

Cassette Media Archive & Player | *Java Spring, React JS, SQL, RestAPI*

08/2025 - 2/2026

- Developed a full-stack web application with Java Spring and React JS to manage cassette collections
- Integrated Discogs, OpenAI, and Spotify APIs for real cassette data and playback capabilities
- Architected and implemented REST API endpoints, database modeling with entities, and responsive user interface components to support search and full-stack CRUD operations
- Implemented secure login and authorization using Spring Security

Snake Game ([link](#)) | *C#, .NET, JavaScript, SQL*

03/2025 - 05/2025

- Collaborated in a team environment to build a multiplayer, local snake game that updates game stats live using a database
- Debugged & optimized client-server performance by 2x with better queries and thread handling.
- Displayed strong written communication skills through documentation and frequent GitHub commits

Spreadsheet Site ([link](#)) | *C#, .NET, Azure*

01/2024 - 03/2024

- Architected a tokenization and dependency tracking engine using a directed acyclic graph to evaluate complex arithmetic, cell relations, and persistent data storage.
- Engineered and executed a comprehensive unit testing suite to validate edge cases, ensuring robust handling of circular references, invalid inputs, and formula parsing errors.
- Designed a clean user interface with clear usage instructions for improved navigation and user experience

SKILLS

Languages:

Java | Javascript | SQL | CSS | HTML | JSON | Python | C# | C++

Tools/Frameworks:

ReactJS | Java Spring Boot | Spring Data JPA | Django | .NET | REST APIs | Git | Docker