

# Alex Ross

San Jose, CA | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

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I am a dedicated Software Engineering student at San Jose State University, expected to graduate with a B.S. in December 2025. I am passionate about leveraging my engineering skills to design, develop, and deploy functional applications that solve real-world challenges. While I specialize in full-stack application development, I actively seek to expand my knowledge of new and emerging technologies and processes. Currently, I am pursuing internship opportunities for Summer 2025 to gain additional practical experience and collaborate with other like-minded engineers.

## SKILLS

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**Languages:** JavaScript, TypeScript, Java, Python, C, HTML, CSS, SQL, Assembly  
**Frameworks/Libraries:** Node.js, Express.js, Next.js, React.js, React Native, Flask, Tailwind CSS  
**Database Technologies:** MongoDB, MySQL, MariaDB, Mongoose, SQLAlchemy, Prisma  
**Developer Tools:** Git, GitHub, Figma, Postman, VS Code, Vercel, LaTeX, Wireshark

## EDUCATION

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<b>San Jose State University</b> <i>Bachelor of Science in Software Engineering, 3.8/4.0 GPA</i>	San Jose, CA <i>Dec. 2025 (expected)</i>
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## WORK EXPERIENCE

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<b>Software Engineer</b> <i>Cinefind (Contract)</i> <ul style="list-style-type: none"><li>Developing automated online platform to connect audiences to local movie screenings, events, and festivals</li><li>Leading a full-stack re-development of the company website using Next.js, enhancing performance and SEO</li><li>Managing user authentication and database communication with Prisma and MongoDB</li><li>Designing the fully responsive UI/UX with React.js and Tailwind CSS</li></ul>	Jun. 2024 - present
<b>Lead Basketball Instructor</b> <i>Lifetime Activities</i> <ul style="list-style-type: none"><li>Creating and implementing basketball skills programs for children ages 5-14</li></ul>	Jul. 2024 - present <i>Cupertino, CA</i>
<b>Operations Manager</b> <i>AMC Theatres</i> <ul style="list-style-type: none"><li>Delivered essential HR functions including recruiting, payroll, staff scheduling, and team training</li></ul>	Mar. 2022 - Sep. 2022 <i>San Jose, CA</i>

## PROJECTS

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**Split** *TypeScript, Next.js, React.js, Prisma, MongoDB, Tailwind CSS* [\[Website\]](#) [\[Code\]](#)

- Web application where users can log their workouts and receive visualized data on their progress
- Optimized data fetching by using asynchronous server components in conjunction with Next.js caching
- Incorporated NextAuth.js to manage user authentication, using Google as an authentication provider
- Applied Next.js App Router to handle navigation, loading UI, and to build a REST API

**Spotifyfy** *TypeScript, Next.js, React.js, Tailwind CSS* [\[Website\]](#) [\[Code\]](#)

- Web application that allow users to customize and play their own Heardle game with any Spotify playlist or artist
- Integrated Spotify API to retrieve playlists, artist's songs, and play snippets of songs
- Monitored and displayed user game statistics

**Vinyl Bot** *Python, Cron, Jinja* [\[Code\]](#)

- Automated python scripts that provides real-time e-mail notifications when a desired vinyl record releases
- Utilized the Discogs API to retrieve records from a user want-list to determine which records are desired
- Leveraged the Reddit API with r/vinylreleases to retrieve real-time releases

**CineFind (Personal)** *Node.js, React.js, Express.js, Mongoose, MongoDB* [\[Website\]](#) [\[Code\]](#)

- Web application where users can find movies to watch based on genres, streaming services, actors, and more
- Users can write reviews, participate in discussions, create lists of their favorite films, and play a movie quiz game
- Created a REST API served by Express.js that collects and stores data with Mongoose and MongoDB
- Implemented user authentication using JWT to handle CRUD operations securely