

Alex Ross

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

SUMMARY

I'm currently a student at San Jose State University pursuing a B.S. in Software Engineering, with an expected graduation date of December 2025. I love using my engineering skill set to design, develop, and deploy function applications. Currently, I am seeking an internship for the summer of 2024. While I have primarily specialized in full-stack development, I am eager to learn new technologies and processes to further my development as an engineer.

SKILLS

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

WORK EXPERIENCE

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|--|---|
| Software Engineer <i>Cinefind (Contract)</i> <ul style="list-style-type: none">Led development overhaul on the company website with Next.js for optimized performance and SEOManaged back end functions such as user authentication and database communication with Prisma and MongoDBDesigned fully responsive UI/UX with React.js and Tailwind CSS | Jun. 2024 - present <i>Los Angeles, CA</i> |
| Operations Manager <i>AMC Theatres</i> <ul style="list-style-type: none">Delivered essential HR functions including recruiting, payroll, staff scheduling, and team training | Mar. 2022 - Sep. 2022 <i>San Jose, CA</i> |
| Basketball Instructor <i>Lifetime Activities</i> <ul style="list-style-type: none">Developed and implemented basketball skills program for children ages 5-14 | Jul. 2024 - present <i>Cupertino, CA</i> |

PROJECTS

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

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

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

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