

Alex Rivera

Software Developer

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PROJECTS

study-buddy | *TypeScript, Next.js, Supabase, Tailwind CSS* | github.com/alexdev/study-buddy

- Built SM-2 spaced repetition review scheduling and CSV import features with TypeScript and Next.js used by ~40 classmates for CS 314 exam preparation
- Developed a flashcard app with Supabase backend supporting Google sign-in and deck creation, styling UI using Tailwind CSS
- Sole contributor maintaining codebase through 84 commits and deployed live version at study-buddy.vercel.app

rust-ray | *Rust* | github.com/alexdev/rust-ray

- Developed a small ray tracer in Rust based on the Ray Tracing in One Weekend book to gain expertise in graphics programming.
- Solely managed the rust-ray repository with 23 commits, demonstrating focused development and ownership.