






Justin Sun

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EDUCATION

The University of Adelaide

Bachelor of Mathematical and Computer Sciences (GPA: 6.75/7.0)

- Global Citizens International Scholarship

Feb 2024 – Nov 2026

Adelaide, Australia

EXPERIENCE

Open Source Officer

The University of Adelaide Computer Science Club

- Led and managed various open-source projects, fostering collaboration and innovation
- Organized and led workshops and events on web development, Git, and GitHub
- Mentored students in open-source development, providing guidance and support to enhance their skills

Mar 2024 – Present

Adelaide, SA

Full Stack Engineer Intern

Zolplay

- Developed a full-stack web game called IsThat.AI using **Next.js** and **Tailwind CSS**
- Enhanced website performance by implementing analytics for tracking website views and user interactions with **PostHog**
- Enhanced user experience and resolved bugs for the e-commerce platform using **Medusa.js**

July 2023 – Nov 2023

Remote

PROJECTS

React Hook Form Antd

- Created a type-safe library that integrates **React Hook Form** with **Ant Design**, simplifying form management and validation
- Gained over **100k downloads** overall on NPM, demonstrating its popularity and utility within the developer community
- Implemented comprehensive documentation and examples to facilitate ease of use and adoption
- Actively maintained the library by addressing issues, adding new features, and ensuring compatibility

Apr 2023 – Present

React Hook Form Devtool Browser Extension

- Independently created an official browser extension to aid developers in debugging **React Hook Form** forms
- Designed an efficient workflow for building browser extensions using **React**, **TypeScript**, and **Webpack**
- Implemented innovative debugging processes to streamline form validation and error handling
- Achieved over **3000 users** on the Chrome Web Store, reflecting strong adoption within the developer community

Jun 2022 – Aug 2022

MyTimetable

- Initiated and led the development within the Open Source team
- Used **TypeScript**, **React**, and **Tailwind CSS** for type safety, component architecture, and utility-first styling
- Delivered a user-friendly interface with drag-and-drop interactions using **Pragmatic Drag and Drop**
- Designed application architecture and state management with **Zustand** and **TanStack Query**, ensuring efficient data handling
- Gained over **1000 users** who actively utilized the platform for scheduling their timetables

Jun 2024 – Present

Computer Science Club Website

- Enabled online membership payment, facilitating sign-ups for over **1000 club members**
- Improved developer experience by refactoring the authentication process with **React Hook Form**
- Reduced database queries by 50% utilizing **React Server Components** with caching
- Integrated and maintained backend functionalities using **Drizzle ORM** for efficient data management

Jan 2024 – Present

IsThat.AI

- Delivered a visually appealing and responsive game interface using modern web technologies, including **Next.js** and **Tailwind CSS**
- Enhanced user interactions and animations with **Framer Motion** for a seamless experience
- Gained over **2000 daily active users** after launching and promoting the game
- Optimized **SEO** to boost the shareability of user results on social media platforms

July 2023 – Oct 2023

COMMUNITY INVOLVEMENT

Adelaide Rover Team: Developed a comprehensive and user-friendly GUI frontend for the rover control system

UNIHACK 2025: Participated in a 48-hour hackathon and developed a mobile app to help students manage their tasks

TECHNICAL SKILLS

- **Languages:** TypeScript & JavaScript, C++, Python, Go
- **Frameworks & Libraries:** React, Next.js, Astro, React Hook Form, Tailwind CSS, CSS Modules, tRPC, Socket.IO, Zustand, TanStack Query, Framer Motion, Prisma ORM, Drizzle ORM
- **Developer Tools:** Git, Linux, VS Code, ESLint, Prettier, NPM, Cloudflare, Vercel, PostHog, Umami