Yeyang (Justin) Sun

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EDUCATION

University of Adelaide — Adelaide, SA
Bachelor of Information Technology — *Feb. 2024 – Nov. 2026*

EXPERIENCE

Open Source Officer — Mar. 2024 – Present
University of Adelaide Computer Science Club — *Adelaide, Australia*
- Manage and contribute to open-source projects
- Promote open-source culture within the club
- Plan workshops and events related to open-source

Full Stack Engineer Intern — July 2023 – Nov. 2023
Zolplay — *Remote, China*
- Build an online game isthat.ai to promote the company's brand
- Gained insights into the company's development
- Help company analyze website views and user interactions
- Assisted in resolving technical issues on the company's e-commerce platform

PROJECTS

Computer Science Club Website | *TypeScript, Next.js, React, Tailwind CSS* — Jan. 2024 – Present
- Build pages including events, sponsors, contact
- Improve DX and UX by using cutting-edge technologies (e.g. React Server Components, React Hook Form)
- Integrate database ORM and help working on backend
- Design and implement an interesting easter egg

isthat.ai | *TypeScript, Next.js, React, Tailwind CSS, Framer Motion, Drizzle ORM* — July 2023 – Oct. 2023
- Build a whole online game from scratch
- Implement seamless user interactions and animations by using Framer Motion
- Improve user experience by optimizing website performance
- Optimize SEO to enhance the shareability of user results on social media
- Analyze user interactions and website views

Jsun Dot LOL | *TypeScript, Astro* — Jan. 2023 – Present
- Design and build this personal website
- Optimize website performance and SEO
- Implement a blog system with markdown support
- Integrate GitHub discussion for blog comments

Message Pigeon | *React, Nest.js, Tauri, Prisma ORM, Vue, Electron, Express.js* — Mar. 2021 – May 2022
- Implement a notification system with real-time updates by using WebSocket
- Learn how to build a full-stack application from scratch
- Present this project as a teaching resource in high school and received high praise from the teachers
- Implement a software with GUI by using Tauri/Electron

OPEN SOURCE CONTRIBUTIONS

react-hook-form-antd — Apr. 2023 – Present
- A library that integrates React Hook Form with Ant Design
- Gain over 1000 downloads per week on NPM

Astro — Feb. 2023
- Integrate Vercel Analytics

React Hook Form — June 2022 – Aug. 2022
- Implement a browser extension for the library to help developers debug their forms
- Integrate AJV to validate form data

Technical Skills

Languages: TypeScript, JavaScript, SQL, C/C++, Python
Frameworks: React, Next.js, Astro, React Native, Nest.js, Vue
Developer Tools: Git, VS Code, ESLint, Prettier, NPM/PNPM
Libraries: React Hook Form, Framer Motion, Tailwind CSS, TRPC, Prisma ORM, Drizzle ORM, Ant Design, MUI