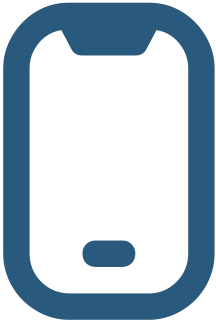
Scott Cheung

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# SuMmary

A **result-driven** developer with over **2 years** of development experience and **7 years** of design experience. Proficient in **HTML5**, **CSS3**, **JavaScript**, **TypeScript**, **Next.js**, **React**, **Redux**, **Tailwind**, and Framer Motion, having developed **5 Web development projects**. Holds a **Master's** **degree** in IT from UNSW, focusing on front-end development and AI technologies. **Visa-independent** (Sub 485 Class) with **a five-year** visa.

# Work Experience

***Gobell Group***, Sydney **FrontEnd Developer** May 2024 - present

**Description**: Developed a membership management system from scratch.

**Technologies**: HTML, CSS, TypeScript, **React**, **Next.js**, **Tailwind**, Framer Motion, **Redux**, i18n, Figma, jsBarcode, QRcode

**● Developed a Full-Scale Membership Management System** [**link**](http://m.gobell.au/)

From scratch, implemented key features such as **user authentication**, **order management**, **product listings**, **payment processing**, **deposits**, and **credential verification**, ensuring a seamless user experience.

**● Led UI/UX Design for Over 49 Clients** [Link](http://xianzhe.site/gobelldesign)

Designed over **49** client/business **UI/UX interfaces**, **promotional flyers**, **brochures**, **pull-up banners** and **3 membership cards** using **Figma** and **Photoshop**. Additionally, coordinated production details with the print factory for membership cards.

**● Authored Comprehensive Front-End Guidelines** [**Link**](https://gobell.vercel.app/test)

Established **global standards** for front-end development, including **color schemes**, **typography**, and **spacing rules**. This improved **code maintainability** by **30%** and **reduced team communication overhead**.

**● Built Scalable Front-End Architecture** [**Link**](https://github.com/Xianzhezhang97/gobell)

Built the front-end architecture and components using **TypeScript**, **React**, and **Next.js**. Designed and implemented over **50 custom components**, following **SOLID principles** and best practices. Integrated Redux for efficient state management.

**● Enhanced UI Animations and Interactivity** [**Link**](https://gobell.vercel.app)

Developed and customized **over 30 animations** using **Framer Motion** and **CSS Animations** for critical UI elements like **error indicators**, **loading animations**, and **transitions**. Improved **user engagement** and **interface responsiveness** by **20%**.

# Skills

***Front-end:*** HTML5｜ CSS3｜ JavaScript｜ TypeScript｜ React｜ Next.js｜ Redux｜ Tailwind CSS｜ Framer｜ UI/UX Design

***Back-end:*** NodeJS｜ Postman｜ RESTful API｜ GraphQL｜ Docker｜ AWS｜ CI/CD

***Database:*** MySQL｜ PostgreSQL｜ Tableau｜ SQLite｜ PowerBI｜ Python｜ Neo4j｜ Pandas

***AI Algorithms:*** Machine Learning｜ Deep Learning｜ Natural Language Processing｜ Recommendation Systems

***IT Tool:*** Github｜ SSH｜ Docker｜ Shell｜ Jira

# Education

***UNSW***, Master of IT [Link](https://xianzhe.site/major/ArtificalInteligence) **Artificial Intelligence** Sep 2022 - May 2024

***SWUST***, Bachelor of Management [Link](https://xianzhe.site/major/BusinessAdministration) **Business Administration ( WAM: 83 )** Sep 2021 - May 2022

***SWUST***, Bachelor of Engineer [Link](https://xianzhe.site/major/FunctionalMaterial) **Functional Material ( WAM: 83 )** Sep 2017 - May 2022

1 / 2

# Projects

***Neo4j iGrapher*** [Link](https://xianzhe.site/igrapher) **FrontEnd Developer** Feb 2024 - May 2024

**Description**: A Zero-Code Graphical Data Analysis Tool using Neo4j, React, and D3.js to provide zero-code analysis and complex data relationship visualization.

**Technologies**: HTML, CSS, Neo4j, **React**, **Three.js**, **Tailwind**, Framer Motion, Figma

**● UI/UX Design**

Independently designed and implemented **3** complex interfaces, **5** medium-complexity interfaces, and over **20** interaction logics, optimized using **Figma** and **Photoshop** to ensure an intuitive and smooth user experience.

**● Web Component Development**

Developed **25** fully custom **Reac**t and **Three.js** data visualization components using **HTML**, **CSS**, **JavaScript**, **Tailwind**, and **Framer Motion** to graphically represent complex data relationships in real-time.

**● Animation and Visual Effect Development**

Designed and implemented over **40** UI animations and visual effects using **Framer Motion** and **other animation libraries**. Enhanced visual appeal, and optimized animation performance by **37%** using Google performance tools.

***Personal Website (Portfolio)*** [Link](https://xianzhe.site) **Web Developer**  October 2023 - Present

**Description**: A personal portfolio website showcasing projects, skills, and personality.

**Technologies**: HTML, CSS, Neo4j, **React**, **Tailwind**, Framer Motion, Figma, LightHouse, Photoshop, Alibaba Cloud

**● User Interface and Animation Design**

Designed and implemented a visually appealing user interface with over **34** interactive animations using **Framer Motion** and **other animation libraries**. Improved website performance by **62%** using **Google performance Tool**.

**● Web Development**

Developed the entire website from scratch using **JavaScript**, **TypeScript**, **React**, **Tailwind**, **Redux**, and **Webpack**. Created **46** responsive components for data visualization in React, optimized for desktops, mobile devices, and tablets to better showcase personal branding.

**● Server Deployment and Maintenance**

Deployed the website on servers using **Webpack**, **Vercel**, and **Alibaba Cloud**, setting up domain mapping to ensure high availability and accessibility. Regularly maintained the website, fixing missing elements and unexpected errors.

# Highlights

**● 17 Scholarships** [Link](https://xianzhe.site/scholarships)Awarded a total of 17 **scholarships**, including **2 Social Scholarships** (Internet+ Huawei Social Scholarship and Jinneng Technical Scholarship) and **15 University Scholarships** (including Business Practice, Science and Technology Innovation, Art Specialty, Outstanding Student Cadres, Second Class Scholarships (4 times ), and Undergraduate Science and Technology Activities Scholarships(6 times) ).

**●**[58](https://xianzhe.site/Certificates) Achievements [Link](https://xianzhe.site/Certificates)Awarded a total of 58 awards, including **7 First Prizes**, **6 Excellence Awards**, **5 Certificates of Completion**, **5 Second Prizes**, **4 Third Prizes**, **3 Outstanding Youth League Member Awards**, and **3 Outstanding Class Leader Awards**. Additional recognitions include **2 Volunteer Certificates**, **2 Art Specialty Awards**, **2 Second Place Awards**, **2 Entrepreneurship Practice Awards**, **2 Position Certificates**, **2 Outstanding Individual Titles**, as well as **1 Outstanding Member Award**, **1 Top Ten Class Leader Award**, **1 Eighth Rank**, **1 Outstanding Employee Award**, **1 Champion Award**, **1 Outstanding Volunteer Award**, **1 Best Debater Award**, **1 Star Officer Award**, **1 Best Organization Award**, **1 Outstanding Student Cadre Award**, **1 Advanced Individual Award**, **1 Bronze Award**, and **1 Project Certification**.

● 42 HD coursescompleted a total of **42 HD courses**, including achievements like securing a Distinction in **Solving Modern Programming Problems with Rust**, earning a Distinction in **Data Structures and Algorithms**, and excelling in my **Graduation Project** with a High Distinction, scoring **92**.

2 / 2