

# Scott Cheung

🏠 Front-end Developer | 📞 +61 434344292 | ✉️ xianzhe.site@gmail.com | 🌐 xianzhe.site | 📄 xianzhe1110 | 🔍 Check Updates

## 👤 Summary

Results-driven Front-End Developer with over two years of development experience and seven years in design. Specializes in JavaScript, Tailwind CSS, and Framer Motion, with proven expertise in crafting engaging user experiences and enhancing user interaction. Adept at designing and deploying aesthetically pleasing, reliable, and fluid software systems. Holds a Master's degree in IT with a focus on AI from UNSW. Possesses a five-year visa, eliminating the need for sponsorship. Fluent in English and Mandarin, enhancing communication in multicultural teams. Discover more at <https://xianzhe.site>.

## 🌟 Highlights

🎓 3 Degrees | 🏆 17 scholarships | 📜 58 Certificates | 🛠️ 59 Skills | 📁 23 Applications | 🎓 42 HD courses

## 🎓 Education

<b>UNSW</b> Master of IT ↗ Artificial Intelligence	Sep 2022 - May 2024	<b>SWUST</b> Bachelor of Management ↗ Administration Management	Sep 2021 - May 2022	<b>SWUST</b> Bachelor of Engineer ↗ Functional Material	Sep 2017 - May 2022
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## 📁 Projects

**Neo4j iGrapher ( Graphical data code-zero analysis tool ) ↗** Feb 2024 - May 2024

### Skill:

HTML, CSS, Neo4j, JavaScript, React, D3, Tailwind, Framer Motion, Google Chrome DevTools, Figma

### Contribution:

#### ▸ Interface and Interaction Design :

Individually designed and implemented 2 complex interfaces, 5 medium interfaces and over 20 interaction logics, using Figma to enhance design efficiency by 30%, ensuring intuitive and smooth user experiences.

#### ▸ Data Visualization Component Development :

Developed 25 fully customized React and D3.js data visualization components from scratch, enabling real-time graphical representation of complex data relationships.

#### ▸ Animation and Visual Effects Design :

Individually Designed and implemented over 40 UI animations and visual effects using Framer Motion and other animation libraries, boosting user interaction satisfaction by 80% and enhancing visual appeal. Optimized animation performance by 30% using Google performance analysis tools.

#### ▸ Frontend-Backend Integration :

Led frontend operations, successfully conducted over 10 large-scale data integration tests with backend services, ensuring 99% system stability and data accuracy.

**Personal website ( Portfolio ) ↗**

Oct 2023 - Now

### Skill:

HTML, CSS, JavaScript, React, Tailwind, Framer Motion, Google Chrome DevTools, Photoshop

### Contribution:

#### ▸ User Interface and Interactive Animation Design :

Designed and implemented visually appealing user interfaces and over 40 interactive animations using Framer Motion and other animation libraries. Used Google Performance Analytics to optimize performance and improve site performance by 50% animation. Improved user experience and satisfaction through intuitive and engaging animations.

#### ▸ Web Development :

Developed entire websites from scratch using JavaScript, React, Tailwind, and more. Created 36 adaptive components for data visualization in React, adapted to both desktop, mobile, and tablet to better showcase individuals.

#### ▸ Server Deployment :

Deployed the website to a server with domain mapping set up to ensure high availability and accessibility. Regularly maintained the web pages with missing elements and fixed unanticipated bugs on a regular basis.

## 📁 Skill

<b>Front-end</b>	HTML   CSS   JavaScript   React   Redux   Tailwind   Framer   MUI   Photoshop   Lightroom   Illustrator   InDesign   XD   CSS libs   Animation libs
<b>Database</b>	MySQL   PostgreSQL   Tableau   Python   Neo4j   Pandas
<b>AI-Algorithm</b>	Machine Learning   Deep Learning   Natural Language   Recommender System
<b>IT-Tool</b>	Github   SSH   Docker   Zsh   Vim
<b>Language</b>	English   Chinese   SiChuan Dialect

## 💡 Why Me

🎓 Learning Ability | 👤 Leadership | 💬 Communication Skills | 💡 Problem Solving | 🎨 Aesthetic Attitude | 😊 Emotional Stability