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**.

WORK EXPERIENCE --

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

Description: Developed a membership management system from scratch.

Technologies: HTML5, CSS3, TypeScript, **React**, **Next.js**, **Tailwind**, Framer Motion, **Redux**, i18n, Figma, jsBarcode, QRcode

- **Developed a Full-Scale Membership Management System** link

  From scratch, implemented key features such as **user authentication**, **membership card** and **credential verification**, ensuring a seamless user experience.

- **Led UI/UX Design for Over 49 Clients** Link

  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

  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

  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

  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 | MUI | Framer | UI/UX Design

Back-end: NodeJS | Postman | RESTful API | 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 ———————— **Artificial Intelligence** ———————— Sep 2022 - May 2024

SWUST, Bachelor of Management Link ——— **Business Administration** (WAM: 83) ——— Sep 2021 - May 2022

SWUST, Bachelor of Engineer Link ——— **Functional Material** (WAM: 83) ——— Sep 2017 - May 2022

PROJECTS --

Neo4j iGrapher Link ———————————— **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: HTML5, CSS3, 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 **React** 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 ———————————— **Web Developer** ———————————— October 2023 - Present

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

Technologies: HTML5, CSS3, 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 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 Achievements** Link 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 courses** completed 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**.