

EDUCATION

University of Southern California , Los Angeles, CA	Aug. 2022 - May. 2024
MS Computer Science	GPA 3.95/4.0
National Taipei University of Technology , Taipei, Taiwan	Aug. 2018 - Feb. 2022
BS Electrical Engineering and Computer Science	GPA 3.89/4.0

WORK EXPERIENCE

Software Engineer PChome Online Inc.	Jun. 2024 - Present
<ul style="list-style-type: none">- Developed and maintained user interfaces for an e-commerce platform using Next.js and React, ensuring a seamless and responsive shopping experience across multiple devices- Optimized page load times and enhanced site performance by implementing lazy loading, code splitting, and server-side rendering.	
Software Engineer Intern PChome Online Inc.	Jul. 2023 - Aug. 2023
<ul style="list-style-type: none">- Joined the front-end development team and worked on a project rebuilding the old project with Next.js- Increased 35% of web application performance by reducing FCP, LCP, and TBT- Improved the website's SEO by implementing SEO best practices and utilizing SSR techniques	
Software Engineer Intern Sunbird Software, Taipei, Taiwan	Jul. 2021 - Aug. 2021
<ul style="list-style-type: none">- Developed backend program with Spring Framework and PostgreSQL- Improved code quality by reducing duplication and enhancing maintainability with Spring AOP	

PROJECTS

RAG Chat Bot	Jul. 2024 - Present
<ul style="list-style-type: none">- Skills: LangChain, React, Flask, Beautiful Soup, MongoDB- Build a retrieval augmented generation application allowing users to chat with a chatbot and ask about Google search results and the latest news.- Utilize the RAG technique with LangChain to perform question-answering and summarization tasks according to the user's input instructions and the scrapped news content	
Yelp Business Search	Aug. 2022 - Dec. 2022
<ul style="list-style-type: none">- Skills: Angular, Bootstrap, Android Studio, Node.js, Express, Google Cloud Platform- Built a responsive web application that allows users to search for Yelp business results based on users' inputs and locations- Implemented geocoding, autocomplete, IP address lookup, and embedded maps functionalities for better user experience	
Sunbird Software Collaboration Project with NTUT Full-Stack Team	Jul. 2020 - Feb. 2022
<ul style="list-style-type: none">- Skills: Spring Framework, TestNG, Angular, PostgreSQL- Built user-friendly interfaces and efficient systems, allowing easier management of data centers through data visualization	
E-commerce web application: PC Store	Jul. 2020 - Feb. 2020
<ul style="list-style-type: none">- Skills: Django, Vue.js, MySQL- Built a full-stack web application that uses Django, React, and MySQL so that users can shop for computers, CPU, RAM, SSD, and graphic cards	

Online Courses

- Machine Learning A-Z: Hands-on Python & R in Data Science, Udemy
- AI for Medical Diagnosis, Coursera
- Neural Networks and Deep Learning, Coursera

SKILLS

Programming languages	Python, Java, JavaScript, TypeScript, SQL, C, C++
Frameworks	Spring Framework, Django, React, Next.js, Angular, PostgreSQL, MySQL, MongoDB, AngularJS, HTML, CSS
Others	Git, Docker, GCP, Linux, Scrum