WENDI TANG

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Wendi: A fast-learning, action-driven, and adaptable IT enthusiast, distinguished by excellent communication, problem-solving, analytical thinking, and teamwork skills.

EDUCATION

University of New South Wales   **Feb 2023 - Expected Aug 2024**
Master of Information Technology (WAM: 80/100)
- Coursework: Data Structures & Algorithms, Database Systems, Computer Networks & Applications, Web Front-end Programming, Design & Analysis of Algorithms, Capacity Planning of Computer Systems and Networks, Solving Modern Programming Problems with Rust

University of Melbourne   **Mar 2020 - Dec 2022**
Bachelor of Commerce, Finance and Accounting (WAM: 68/100)
- Coursework: Linear Algebra, Calculus, Statistics, Quantitative Methods, Econometric

INTERNSHIP

VCBEAT | Industry Research Intern   **Sept 2021 - Jan 2022**
- Conducted industry research on intelligent interpretation of inspection reports and medical knowledge systems, including market analysis and business modeling.
- Analyzed mRNA research reports to estimate the commercial value of mRNA drugs and vaccines, and tracked left atrial appendage occlusion data.
- Summarized health management platform lists and compared product functionality for testing equipment in health-care settings.

PROJECTS

Messengerrrr: Real-Time Conversation | *Next.js, React, Tailwind, Prisma, MongoDB*   **Dec 2023**
- Developed a chat application with messaging using Pusher, with notifications and alerts functions.
- Integrated Cloudinary CDN for file upload, client form validation with react-hook-form, and server error handling with react-toast, ensuring a secure messaging platform.

TravelTrove: Full Stack Airbnb Clone | *React, Tailwind, Prisma, MongoDB, NextAuth*   **Nov 2023**
- Implemented a responsive single-page application with user authentication and authorization features.
- Designed a listing management system for users to create and edit listings with search filters.
- Engineered a streamlined booking process with real-time confirmations and reviews.

DNScraft: DNS Resolution and Client System | *Python*   **July 2023**
- Developed a DNS resolver for domain name resolution, reverse DNS lookups, and message structure.
- Conducted a performance experiment comparing DNScraft to public DNS, analyzing resolving times and response data for 5000 domain names, demonstrating DNScraft's speed and accuracy.

SKILLS

- Languages: Python, C, Rust, React, Typescript, JavaScript, HTML, CSS
- Frameworks/Database: React.js, MySQL, Next.js, Tailwind, Prisma, MongoDB