

Hongting(Aiden) Li

✉ aiden1024@163.com |  Portfolio |  778 302 2404

Education

HB.Sc. Computer Science and Business Management - High Distinction <i>University of Toronto</i>	2019.09 - 2023.05 <i>Toronto</i>
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Developer Skills

Language: Python, Java, JavaScript, TypeScript, HTML, C
Frontend: React, Next.js, Tailwind CSS, REST API, GraphQL
UI/UX: Figma, Hero UI, Framer Motion, Tailwind Animation
Backend: Fast API, Node Js
Database neo4j, postgresSQL, mongoDB
Product: Task Flow, Logic Flow, Page Flow, Wireframe
DevOps & Tools: Docker, CI/CD (Github Actions), Unix/Bash, Git, Vim
Management: Jira, Dingtalk, Pingcode

Experience

Software Engineer <i>VisionMatrix Technology Limited</i> <ul style="list-style-type: none">Led end-to-end development of an AI training platform, achieving nearly 200% efficiency gains that reallocated 25% QA time to quality improvements. Revolutionized UX with step-by-step workflow redesign using Next.js/Tailwind CSS, establishing a significant competitive advantage. Owned all stages from wireframe to deployment, achieved features such as authentication, project management, data annotation, and model training.Coordinated with ML engineers to architect user interfaces for AI-powered CCTV image recognition systems. Implemented customized Next.js hooks to efficiently handle real-time streaming and large-scale image data, resulting in enhanced memory utilization and optimized pagination with seamless scrolling performance.Delivered 5+ POCs featuring drag-and-drop, image labeling, node-connection, SSE chatbot, and WebSocket implementations.Recognized by Hong Kong Top Talent Scheme (government-funded program providing research grants and 2-year work visa eligibility)	2024.07 - 2025.6 <i>Hong Kong</i>
Mobile Developer <i>VisionMatrix Technology Limited</i> <ul style="list-style-type: none">Developed the company's first consumer-facing product (B2C), implementing SpeechWizard's frontend interface for multilingual audio-to-subtitle conversion. Took initiative to design responsive layouts (mobile/tablet/desktop) using Next.js/Tailwind CSS without UI specifications, allowing user to access across platforms and increasing usability. Implemented critical flows such as secure authentication, file processing, transactions, and data export.Modernized the video Indexer interface through a strategic migration from React to Next.js with Hero UI integration, allowing for greater development extensibility. Delivering a responsive cross-device experience with enhanced UX clarity, which creates a more intuitive usability. Designed custom usefetch hook to optimize API call processing and robust error handling, and increased product stability.	2023.10 - 2024.07 <i>Shenzhen, China</i>
Frontend Intern <i>Shenzhen Media Group</i> <ul style="list-style-type: none">Developed React-based projects while actively collaborating with team members on UI design discussions.Provided comprehensive code documentation and implementation reviews to improve project maintainability.Continuously expanded React expertise through peer collaboration and self-directed learning.	2023.08 - 2023.10 <i>Shenzhen, China</i>

Projects

TWINBLADES Portfolio <i>Next.js, HeroUI, Framer-motion, Tailwind Animation</i> <ul style="list-style-type: none">TWINBLADES DEVELOP: My brand portfolio demonstrating frontend (React/Next.js), product design, and UI/UX expertise through curated project showcases and interactive experience. VIEW HERE	
Mind Map Builder <i>Next.js, React-flow</i> <ul style="list-style-type: none">Developed POC for interior design workspace using node-based drag-and-connect interface.Used Node-Based drag-and-connect method to create design mind maps, implemented by customized React-flow library.Worked closely with the Algorithm team to integrate image recognition via React-flow node connections	
Elevator Visitor Checker <i>Next.js, Tailwind CSS</i> <ul style="list-style-type: none">Built multi-lingual visitor system with facial recognition and floor navigationImplemented front-camera API integration for real-time validation	
The Blockchain Hub <i>MERN Stack</i> <ul style="list-style-type: none">Developed a cryptocurrency social media web application built using the MERN Stack to provide real-time market data and news updates.Led frontend team to design UI and integrated APIs to fetch and display cryptocurrency market trends and news articles, allowing users to track their investments.	