# Hongting(Aiden) Li

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## Education

**HB.Sc. Computer Science and Management**                    2019.09 - 2023.05
*University of Toronto*                                              *Toronto*

## Developer Skills

**Language:** Python, Java, JavaScript, TypeScript, HTML
**Frontend:** React, Next Js, Tailwind CSS
**UI/UX:** Figma, Hero UI, Framer Motion, Tailwind Animation
**Product:** Task Flow, Logic Flow, Page Flow, Wireframe
**DevOps & Tools:** Docker, CI/CD (Github Actions), Unix/Bash, Git, Vim
**Management:** Jira, Dingtalk, Pingcode
**Other:** Fluent Mandarin, Violinist

## Experience

**Research Engineer**                                         2023.10 - 2025.6
*VisionMatrix Technology Limited*                                  *Hong Kong*

- Designed and developed the AI Self-Learning Platform for training a personal AI model in Object detection, Body Movement and Face Recognition. Created wireframes from the client's requirements and used Hero UI for the static interface. Used NextJS and Tailwind CSS to complete functionalities such as authentication, project management, data annotation, and AI model training
- Co-ordinated with ML engineers to develop user interface for AI agents for CCTV image recognition. Real-time streaming and massive image data handled using NextJS hooks.
- Upgraded the UI from React to NextJS with Hero UI on the video Indexer, resulting in a responsive UI with mobile view and a more user-friendly UX. In addition, reconstruct the fetch method to create more efficient API calls and error handling.
- Developed the Frontend site for SpeechWizard, a tool that is used to transcribe English, Chinese and Cantonese to subtitle files. Used NextJS and Tailwind CSS for responsive design, achieving mobile view, tablet view, and desktop view. In addition, complete functionality such as authentication, file upload, account management, transaction, and result download.
- Developed 5+ POCs including functionality such as drag and drop, image labelling, connecting lines, server-sent event chatbot and websocket.
- Member of Hong Kong Top Talent Research Plan Program which provide company with extra funding and grants two-years of work visa in HK

**Frontend Intern**                                          2023.08 - 2023.10
*Shenzhen Media Group*                                        *Shenzhen, China*

- Designed and developed the first portfolio website using React and media group UI design concept
- Commented code for senior engineer to reduce bugs, brings a more stable product.

## Projects

**TWINBLADES Portfolio** | *NextJS, HeroUI, Framer-motion, Tailwind Animation*

- A portfolio page held the legacy of TWINBLADES DEVELOP. All handmade, all crafted with passion. Contains the details of skills, past projects, and experience.
- https://aiden1024.github.io/TWINBLADES

**Elevator Visitor Checker** | *NextJS, Tailwind CSS*

- Designed and developed a POC Demo that guides the user to the designated floor with a multi-lingual chatbot, facial recognition and registration.
- Integrated the API and usedthe Device's front camera to achieve facial recognition to check valid building visitors

**Mind Map Builder** | *NextJS, React-flow*

- A POC Demo for the client to achieve a customized contemporary interior design workspace.
- Used Node-Based Drag'n'Connect method to create design mind maps, achieved by React-flow library.
- Worked closely with the Algorithm team to achieve image recognition by simply drawing a line from image node to chatbot node

**The Blockchain Hub** | *MERN Stack*

- Developed a cryptocurrency social media web application built using the MERN Stack to provide real-time market data and news updates.
- Led frontend team and Designed UI according to the head programmer's requirement
- Integrated APIs to fetch and display cryptocurrency market trends and news articles, allowing users to track their investments.