YINJIAN CHEN

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in https://www.linkedin.com/in/yinjianchen   ⬡ Yintokey

EDUCATION

Carleton University, Canada   Sep 2024 - May 2026 (expected)
Master of Engineering – Software Engineering Practice; GPA 10.6/12.0
Fujian Agriculture & Forestry University, China   2013 - 2017
Bachelor of Electronic and Information Engineering; GPA 3.5/4.0

SKILLS

Programming Languages	Python, Typescript, Javascript, Go, Objective-C, Swift
Full Stack Development	REST API, Microservice, Node.js, HTML, CSS, React.js, Next.js, Nest.js, Koa.js
Tools & Technologies	AWS, Docker, Git, LLM, RabbitMQ, Redis, MySQL, MongoDB, Linux

WORK EXPERIENCE

Shenzhen Aisi Software Technology Co., Ltd.   Shenzhen, China
Backend Engineer   *Apr 2023 - Jul 2024*

- **Conceptualized, designed, and launched** an AI translation platform for internal use, facilitating the localization of company's products(Xmind, Xmind AI, Mapify). This platform replaced external vendors with an LLM solution, saving at least **20k CAD annually**.

- Conducted research on language translation using LLM, including prompt engineering and RAG, to enhance translation accuracy. Achieved **up to 90%** human translation quality in French and German, as evaluated by internal language specialists.

- The AI translation platform developed by **full-stack** solution using Next.js, Node.js, and AWS infrastructure, integrating the vector database Pinecone to leverage existing translation memories.

- Maintained user/payment services (Python, Node.js), optimized customer management system features; collaborated with tech support and marketing teams to address customer issues effectively.

Shenzhen Qutui Science & Technology Co., Ltd.   Shenzhen, China
Backend Development Engineer   *June 2021 - Aug 2022*

- **Led** one engineer and **coordinated with 5 teams (11 members)** to develop and integrate a back-end video rendering service (Node.js, Go, RabbitMQ) supporting 3+ company video-generation products.

- Authored a comprehensive tech guide for the video rendering service, improving cross-team collaboration, earning a **top performance review (1st of 14)** in the back-end team (April 2022).

- Served as core back-end developer of the picture & text to video generation product (Shanjian, BoltCut), delivering REST and WebSocket APIs for mobile and front-end clients, enabling cross-platform functionality.

iOS Development Engineer   *Mar 2019 - May 2021*

- Led 3 iOS engineers and coordinated with the engine team to integrate client-side video rendering engine and develop iOS video editing features.

- Developed an iOS service registration library to enable modular architectures across multiple projects.

4399 Network Co., Ltd.   Xiamen, China
iOS Development Intern & Engineer   *Feb 2017 - Jan 2019*