

Jin Yang CHEN

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Singaporean citizen graduating in June 2026, seeking software/AI engineering internships around the globe.

WORK EXPERIENCE

Tiny Fish Inc. • Silicon Valley, California, United States • Jan 2024 - Present

Software Engineer Intern

- Designed multi-source synthetic data pipelines using LangChain, increasing the diversity of training data to 300k data points
- Improved the data extraction capabilities of our core inference technology by designing input pre-processing configs to boost the accuracy and latency of inference
- Developed internal evaluation infrastructure to benchmark the progress of our AI efforts, helping engineers rapidly test for regression with a single command
- Developed a user-facing playground with Next.js and Shadcn that allows new users to experience the core technology firsthand, contributing to the company's success in topping **Product Hunt**
- Developed a user-facing **Chrome extension** that assists customers in debugging inference results with EmberJS

Stendard • Jakarta, Indonesia • May 2023 - Aug 2023

Software Engineer Intern

- Designed an analytics dashboard using Laravel and MySQL to facilitate strategic decision-making surrounding churn rate, rate of return, etc

Propseller • Singapore • Nov 2021 - Dec 2021

Client Success Intern

- Designed a web-scraping engine using Selenium and Beautiful Soup to help the company sieve out details of hundreds of competitors within seconds

EDUCATION

Management Science and Engineering (Exchange Programme)

Stanford University • Apr 2024 - Jun 2024

1st Place in Harvard's Rare Disease Hackathon

Topped 4 categories in Duke-Harvard (LIVE AI 1) Hackathon ([Link](#))

BSc in Computer Science

National University of Singapore • GPA: First Class Honours • Jul 2022 - Jun 2026

Awarded the Stephen Riady Young Entrepreneur Scholarship

Awarded the Venture Initiation Programme grant for aspiring entrepreneurs

Participated in the NOC Silicon Valley Program

PROJECTS

Controller • Mar 2024 - Oct 2024

Co-Founder

- Building a **network of AI agents** that allows you to chat with third-party applications such as Slack and Gmail
- Building a **Chrome extension** using WXT that automates the creation of OAuth applications on sites such as Google Cloud and Slack

Still Human • Mar 2024 - Jul 2024

- Developed a user-facing **learning platform** with NextJS and Shadcn
- Designed a FastAPI-driven backend infrastructure that uses SQLAlchemy as the ORM for our SQLite database
- Created a LLM-powered inference engine that transforms ChatGPT chat logs into revision notes so that users can get more out of their AI usage
- Built a chrome extension using ReactJS to automate the retrieval of ChatGPT chat logs to enable a fuss-free user experience

TripFlow • Mar 2023 - Feb 2024

- Built an **AI-powered travelling app** that optimizes travel itineraries with graph algorithms
- Led a team of 3 software engineers and worked closely with the design and business leads to implement commercial considerations on the program level

Academic Notes Business • May 2020 - Oct 2021

- Sold history academic notes to JC students, reaching out to 1211 prospective customers in 2020
- Marketed my products by cold-calling available contacts and advertising them on social media platforms such as Reddit, making \$14,070 over 7 months

SKILLS

AI Infrastructure: LangChain, LangGraph, LLM APIs

Full Stack Development: Next.js, Chrome Extension, React Native, Redux, FastAPI, Express.js, Pydantic, Zod, Streamlit, AWS

Database Management: PostgreSQL, SQLAlchemy, Supabase, RLS Policies, Prisma

Languages: Python, TypeScript, JavaScript, Ember.js, C#, Java

Web Automation: Playwright, Selenium, Beautiful Soup

Game Development: Unity