

Lin Kai

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WORK EXPERIENCE

SAP *Software Engineering Intern, AI Development Team* Nov 2022 ~ Current

- Low-Code/No-Code documentation and certification.
- Refactored and upgraded HR Interview screening Process with an Automation built with an internal tool, speeding up candidate's application processes, and saving HR a lot of time.

Pixelcraft Studios *Software Engineering Intern, Frontend Team* Apr 2022- Aug 2022

- Led the creation of a sales graph data dashboard of Crypto NFTs for a community of 20,000 (React).
- Enabled users to display names instead of wallet addresses (ENS, ether.js).
- Created a select inventory system for NFT users Using Typescript, Next.js, Tailwind.css, React.js, GraphQL

PROJECTS

Anime Recommendation

- Vectorized different features of the data and recommend an anime based on Euclidean distance
- Recommends an anime to you based on closest Euclidean distance (on Kaggle)

Stock Market Trading simulator

- Simulation of stock market using basic Data structures and Algorithms implementation OOP style.
- Supports Limit / Market Buy and Shorts in a queue like structure with Python

Job Search Bot

- Web Scraper bot to scrap for jobs and push notifications to phone, for my friends and me
- Built using Python, push notifications using Twilio and deployed with Heroku

Time Series Forecasting (Stock prices)

- Clean missing data in the market history sheet with data visualization.
- Multiple methods of forecasting from basics to LSTMs.

TOOLS / CERTS / RANKINGS / PROFILES

Tools: Python, C/C++, Java, JavaScript, CSS, HTML, React, Git, Typescript, Node.js, Figma, SQL, Machine Learning, R, matplotlib, pandas, numpy, sklearn, Linear Algebra, Statistics, Probability, TensorFlow

AlgoExpert: <https://certificate.algoexpert.io/AE-e5e43ec8b9>

FrontendExpert: <https://certificate.algoexpert.io/FE-37a32cdae5>

Leetcode: https://leetcode.com/Kai_Ghost/

Kaggle: <https://www.kaggle.com/kaikaizxc>

EDUCATION

Nanyang Technological University *Major in Computer Science and Minor in Maths*

Expected 2025

TRAVEL/ VISA

H1B1 (Singaporean)