

Lin Kai

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WORK EXPERIENCE

Pixelcraft Studios: *Software Engineering Intern, Frontend Team*

Apr 2022- Aug 2022

- Led the creation of a sales graph data dashboard of 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 Using Typescript, Next.js, Tailwind.css, React.js, GraphQL

SAP: *Software Engineering Intern, AI Team*

Nov 2022 ~ Current

PROJECTS

Stock Market Trading simulator

Technologies: Python

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

Spam Detection Filter

Technologies: Python, Scikit-Learn

- Using Scikit-learn and Math to allow spam detection based on Naïve Bayes model.
- Tokenized and stemmed words and calculate their probabilities of being a spam message.
- Accuracy of 72%, Sensitivity of 99%, Specificity of 68%, Precision of 32%.

Job Search Bot

Technologies: Python, Twilio, Heroku

- 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

Conway's Game of Life Visualizer

Technologies: HTML, CSS, JavaScript

- Vanilla Javascript used to built to imitate Conway's Game Of Life (Survive vs Die).
- Hover over buttons to activate the grid, click start to start playing the animations.

TOOLS / CERTS / RANKINGS / PROFILES

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

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)