# Lin Kai

Linkaizxc@gmail.com | https://github.com/KaiKaizxc | https://www.linkedin.com/in/kaikaii/ | https://kaiten.vercel.app/ |
+65 93200360

## WORK EXPERIENCE

**Pixelcraft Studios:** *Software Engineering Intern (Frontend)*                        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

## 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 / CERTIFICATIONS

**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

1. AlgoExpert: https://certificate.algoexpert.io/AE-e5e43ec8b9

2. Frontend: https://certificate.algoexpert.io/FE-6c39833300

## EDUCATION

**Nanyang Technological University** *Major in Computer Science and Minor in Maths*                 Expected 2025

## TRAVEL/ VISA

**H1B1 (Singaporean)**