

Lin Kai

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EDUCATION

Nanyang Technological University *School of Computing and Maths (B.sc 4.54/5.00)* Expected 2025

WORK EXPERIENCE

Pixelcraft Studios: *Software Engineering Intern (Frontend)* Apr 2022- Present

- Created responsive 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, SAP AI (Incoming)* Nov 2022 – May 2023

PROJECTS

Stock Market Trading simulator Singapore

Technologies: Python Apr 2022 - May 2022

- [https://github.com/KaiKaizxc/Trading-simulator/blob/main/stock_exchange%20\(1\).ipynb](https://github.com/KaiKaizxc/Trading-simulator/blob/main/stock_exchange%20(1).ipynb)
- Simulation of stock market using basic Data structures and Algorithms implementation

Spam Detection (multinomial model, Supervised Learning) Singapore

Technologies: Python, Scikit-Learn Apr 2022 - May 2022

- https://github.com/KaiKaizxc/Spam_detection_multinomial_model
- Using Scikit-learn and Math to allow spam detection based on Naïve Bayes mode
- Accuracy of 72%, Sensitivity of 99%, Specificity of 68%, Precision of 32%. (Not tuned)

Advice Generator Singapore

Technologies: React, JavaScript, CSS, HTML Mar 2022 - Apr 2022

- <https://lkquotegenerator.netlify.app/> Deployed using Netlify.
- Fetch quotes from an API quote generator to render it dynamically and randomly on click.

Conway's Game of Life Visualizer Singapore

Technologies: HTML, CSS, JavaScript Feb 2022 – Mar 2022

- <https://gameoflifebyconway.netlify.app/> Deployed using Netlify.
- A fancy algorithm cellular devised by Mathematician John Conway Visualized.
- Hover over buttons to activate the grid, click start to start playing the animations.

ADDITIONAL SKILLS & CERTIFICATIONS

Languages and Tools: Systems Design, Python, C, JavaScript, CSS, HTML, React, Git, Matplotlib, scikitlearn, Material UI, Typescript, Next.js, Node.js, Solidity, Figma, ether.js, web3.js

Certifications:

1. AlgoExpert Certification: <https://certificate.algoexpert.io/AE-e5e43ec8b9>
2. Frontend Certification: <https://certificate.algoexpert.io/FE-6c39833300>