Lin Kai

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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

SAP: *Software Engineering Intern, SAP AI (Incoming)*   Nov 2022 – May 2023

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%.

Advice Generator
Technologies: React, JavaScript, CSS, HTML
- Fetch quotes from an API quote generator to render it dynamically and randomly on click.
- Axios used to fetch API on a React App.

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.

ADDITIONAL SKILLS / TOOLS / CERTIFICATIONS

Tools: Python, C, C++, Java, JavaScript, CSS, HTML, React, Git, Typescript, Next.js, Node.js, Solidity, Figma, MySQL, Machine Learning , R , FireBase

Certifications:

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