

PEH SHIN

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GitHub Profile: <https://github.com/PehShin>

ACADEMIC QUALIFICATIONS

Singapore Management University

Aug 2019 – Present

- Bachelor of Business Management
- Lee Kong Chian School of Business Dean's List Academic Year 2019/2020

WORK EXPERIENCE

Treehouse Finance

Dec 2021 – Aug 2022

Product Management

- Executed an improved way of reading proxy contract data and detecting unique DeFi pools through Python
- Wrote Python scripts to automate MongoDB database checks
- Utilized Web3 Python library to obtain Ethereum blockchain data for product development

DeFi Research Analyst

Aug 2021 – Dec 2021

- Published 2 DeFi research articles based on valuation models for decentralized exchanges (<https://www.treehouse.finance/insights>)
- Strategized portfolio position formulas for various tokens with the product team
- Investigated Layer 2 solutions and linking them to possible opportunities/limitations for Treehouse's product

Dole Asia Holdings

June 2021 – Aug 2021

Corporate Financial Analyst

- Automated balance sheet reviews for the Regional Financial Controller using Python's openpyxl package, saving the Finance team ~30% of manual labor hours
- Formulated cost-saving initiatives of ~5% across the business unit through analysis of working capital metrics
- Migrated 5 years of financial data streams from legacy data systems to SAP HANA system that expedites future analytics work

AEXELE. Inc. (Shanghai, China)

Apr 2021 – June 2021

Cryptocurrency Research Analyst

- Headed an international team of 5 researchers to deep-dive into various blockchain and cryptocurrency-related fields, such as tokenomics, blockchain venture capital, NFTs and more
- Proposed opportunities for AEXELE's management to capitalise on within the crypto space through 12 weekly slide decks and presentations
- Evaluated >30 different token whitepapers to advice AEXELE on best practices for token whitepaper creation

VOLUNTEERING

Plastic-Lite Singapore

Jul 2017 – Sep 2020

Eateries Team - Co-Lead

- Spearheaded new partnerships with 12 cafés by executing waste-reducing strategies specific to each café's unique business circumstances, helping to reduce plastic waste generated by 25% - 35% for each café
- Negotiated with plant-based crockery and container manufacturers to offer 10-20% discounted rates on supplies for our partnering eateries, resulting in enduring business ties forged between the manufacturers and cafés.
- Crafted eco-corporate messages that were broadcasted to >2,000 followers on the social media platforms of Plastic-Lite and partnering cafés, increasing total follower engagement by >10%

EXTRACURRICULAR ACTIVITIES

SMU Business Intelligence and Analytics Club

Oct 2019 – Aug 2022

Data Associate

- Implemented a Python algorithm for the club's headline project that extends upon Black-Scholes option pricing, forming the core component behind the project's goal of pricing financial derivatives through image recognition
- Facilitated coding practices and interactive quizzes to teach machine learning concepts to 50 other data associates in co-learning sessions

TECH STACK PROFICIENCY

- Ethereum Development – Solidity, Smart Contract Architecture & Development Environment (Brownie)
- Database – SQL/NoSQL, Data Wrangling & Analysis