Marcus Tan

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EDUCATION

University of California, Berkeley Aug 2022 – Aug 2023
Global Learning and Outreach from Berkeley Engineering (GLOBE) exchange Program
- 1 year fully subsidized exchange program studying Computer Science
- **Relevant operatives:** Efficient algorithms and intractable problems, Web3 Entrepreneurship, Computer Security, Special Topics in decentralized finance

Nanyang Technological University, Singapore Aug 2020 – Dec 2024
Bachelor of Engineering Science (Computer Science) with a Master of Science in Technology Management
- Expected Honours (Highest Distinction), Current CGPA: 4.81/5.00
- **Awards**: Dean's List Academic Year 2020/2021, Blockchain Innovation Programme (1st Runner's Up), Jane Street Electronic Trading Challenge (Top 10 teams), Bloomberg Market Concepts Certificate
- **Scholarship**: Nanyang Technological University Renaissance Engineering Program Scholarship (Bond-free)
- **Relevant Coursework**: Software Engineering, Algorithm Design and Analysis, Operating Systems

PROFESSIONAL EXPERIENCE

Shopee Pte Ltd. May 2022 – Aug 2022
Product Management Intern
- Collaborated closely with both local and foreign developers and operation managers to create product features that improved efficiency of Shopee's internal tooling system by 30%
- Spearheaded the product roadmap of 5 critical projects (local and cross-border), eliminating latencies and accelerated product development by 15%
- **Technologies used:** Jira, Confluence, Figma, etc

Treehouse Finance Feb 2022 – Apr 2022
Technical Product Management/ Data Engineering Intern
- Developed data pipelines for smart contract interactions on EVM, BSC, FTM and TERRA chains, enhancing protocol outreach by 10%
- Integrated Columbus4 API onto Treehouse's Terra branch, allowing it to interact with 100% more transaction blocks
- Orchestrated User Assessment Testing on Treehouse's product by running Python Scripts, curtailing production errors by 20%
- **Technologies used:** Python, MongoDB, MongoCompass, Git, Blockchain Explorers, Postman, SQL, etc.

Global Angle/ Asia Africa Investment and Consulting Sep 2021 – Dec 2021
Management Consulting Intern
- Conducted market research into various markets for multiple projects, including a global project involving over 60 companies, and crafted Microsoft PowerPoint and Word Documents to pitch ideas, improving market penetration by 10%
- Leveraged on Microsoft Excel to analyse large amounts of data, augmenting data analysis by 10%
- **Technologies used:** Microsoft Word, Microsoft PowerPoint, Microsoft Excel

PROJECTS

Fundergrad Jun 2022 – Jun 2022
- Coded frontend to allow less fortunate undergraduates to receive crowdfunding
- **Technologies used:** ReactJS, Figma etc.

NFTUC Jan 2022 – Jan 2022
- Ecosystem for the integration of vouchers into Web3 as NFTs
- Built the frontend and integrated ERC721 contracts
- **Technologies used:** ReactJS, EtherJS, Web3JS, etc

Jane Street Electronic Trading Challenge – Top 10 Teams Oct 2021 – Oct 2021
- Developed a trading bot in Python to execute various quantitative trading techniques such as arbitrage
- **Technologies used:** Python, etc

Secret Shop May 2020 – Aug 2020
- Designed and developed a website for video game rental, trading and transactions
- **Technologies used:** ReactJS, Express.js, Node.js, MongoDB, etc

LEADERSHIP AND CO-CURRICULAR ACTIVITIES

Tanjong Hall, Nanyang Technological University Aug 2020 – Aug 2022
Vice President/ Business Secretary
- Planned, executed, and led more than 20 events for over 300 students
- Secured more than $10,000 worth of sponsorship goods, a 10% hike from previous years

SAF 2nd People's Defense Force Jan 2018 – Nov 2019
Intelligence Sergeant
- Managed cross-functional teams and stakeholder communication for a division consisting over 100 people
- Awarded Division's Best Solider of the Month in August 2022 for operational excellence (Top in division)

SKILLS

Languages: Proficient in English and Mandarin
Frameworks, Languages and Technologies: MongoDB, Express.js, ReactJS, Node.js, HTML, CSS, JavaScript, Python, SQL
Industry Skills: Full Stack Programming, Data Engineering, Design Thinking, Product Management
Interests: Music (guitar, bass and singing), Volleyball, Basketball, Gym, Judo, Coffee Chats, Stargazing