Kevin Chang Jon Kit

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS)   Aug 2021 – Present
Bachelor of Computing in Computer Science, Honours
- NUS Merit Scholarship (Top 5% of cohort)
- Dean's List, Academic Year 2021/2022 (Top 5% of cohort)
- Cumulative Average Point: 4.81 / 5.00
- **Relevant Coursework**: Programming Methodology (A+), Computer Organization (A+), Data Structures and Algorithms (A-), Design and Analysis of Algorithms (A-), Software Engineering (A-), Introduction to AI & ML (A+), Introduction to Computer Networks (A), Operating Systems (A-), Database Systems (A-)

TECHNICAL SKILLS

- **Programming**: Python, Java, JavaScript, TypeScript, C, C++, Go, Rust, Bash
- **Web & Mobile**: HTML, CSS, Node.js, Express.js, React.js, React-Native, Next.js, Flask
- **Database Management**: SQL (MySQL, PostgreSQL), MongoDB
- **Cybersecurity**: Cryptography, Kali Linux, Nmap, Wireshark, Burp
- **Tools & Systems**: Git, Linux, Docker, Figma, Vi (Vim, Neovim)

EXPERIENCE

HUTCHINSON RESEARCH & INNOVATION SINGAPORE – *Company Website*   Jan 2024 – Present
Software Engineer Intern
- Developed a generative AI tool as a web application for internal tools purposes
- Designed and built frontend interface in React.js and Sass
- Integrated with Flask server backend and PostgreSQL database, and contained using Docker

NIFTYZONE – *Company Website*   May 2023 – Aug 2023
Full-stack Developer
- Developed full-stack claim page application, automating gasless purchase and claim of NFTs from AI artists
- Integrated NFT platform with AI art gallery, enabling campaigns capturing thousands of users
- Built new features and administered user interface fixes to web applications in Next.js

SWITCHEO LABS – *Company Website*   May 2022 – Jul 2022
Software Developer Intern
- Developed a blockchain-network based trading bot for testing of trading engines with Node.js
- Upgraded features of Carbon, a layer 2 blockchain with more than 15,000 users globally, in Golang
- Conducted a workshop on blockchain development with Cosmos SDK for interns & colleagues

PROJECTS & COMPETITIONS

NUS HACK & ROLL 2023 – Devpost   Jan 2023
School-based Unrestricted Hackathon
- Developed BubbleTeaSort, a social media mobile application for users to share and search for Bubble Tea
- Built working demo of product within 24 hours
- Integrated with Firebase backend, and building components in React.js

APPETIZER HACKATHON 2022 – GitHub   Nov 2022 – Dec 2022
Global API Hackathon
- Built Chirple, a Twitter analytics application that conducts sentiment analysis using Hashscrapper's API for SMEs
- Developed using React.js and Node.js, and hosted on Netlify

TEZASIA HACKATHON 2022 – GitHub   Jul 2022 – Aug 2022
Blockchain Development Hackathon
- Developed CraiyoNFT, an AI-based generative NFT platform for minting NFTs using word prompts
- Built the backend for the Flask server, IPFS integration, and developed the smart contracts used
- Won 1st Runner-Up in the NFT "Small but Great" category

CO-CURRICULAR ACTIVITIES

NUS FINTECH SOCIETY   Aug 2021 – Aug 2023
Blockchain Developer
- Participated in workshops, seminars, and hackathons revolving around blockchain-related technology
- Coordinated with fellow members in group projects, building generative NFTs and token funds

JIAYOU STATION   Mar 2021 – Nov 2021
Volunteer Tutor
- Tutored a Secondary 4 student in GCE 'O' Level Chemistry and Physics on a weekly basis
- Sourced resources and concept reviews for supplementary learning
- Attended to various concerns on holistic education and future planning to support overall well-being

ADDITIONAL INFORMATION

Languages: English (Proficient), Chinese (Intermediate), French (Basic)
Interests: Calisthenics athlete, Competitive speed-cuber (solving Rubik's Cubes)