ERWIN QUEK

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EDUCATION

National University of Singapore (NUS)   **Aug 2020 - Dec 2024**
Bachelor of Computing Computer Science, Honours
- University Scholars' Programme (USP) / NUS College
- NUS Overseas College, Toronto (NOC)
- Computing coursework: Data Structures and Algorithms, Database Systems, Software Engineering
- Entrepreneurship coursework: Business of Software, Lean Startup, Start-up Case Study & Analysis

WORK EXPERIENCE

Software Engineering Intern, Mavennet, Toronto, Ontario   **Jan 2023 - Present**
- Spearheaded the end-to-end development of Grapes Finance's blockchain API, a pivotal component of the organization's financial infrastructure, enabling seamless integration with various financial institutions.
- Collaborated closely with stakeholders, translating business requirements into technical specifications, and actively participated in project planning and roadmap development, ensuring alignment with company goals.
- Developed and maintained features for a blockchain web application, employing React for the front-end and NestJS for the back-end.

Mobile Developer Intern, Endowus, Singapore   **Aug 2022 - Dec 2022**
- Implemented and enhanced frontend features using Flutter, including interactive user interfaces, navigation flows, and form validations, resulting in an intuitive and seamless user experience.
- Participated in agile development methodologies, including sprint planning, stand-ups, and retrospectives, to ensure efficient project management and successful on-time delivery.

Quality Assurance Engineering Intern, Endowus, Singapore   **May 2022 - Jul 2022**
- Conceptualised an independent project to explore how to optimise existing test runs on CircleCi, and managed to reduce credits consumed by ~50%.
- Executed comprehensive test plans, ensuring thorough testing of new releases on web and mobile applications, identified critical issues, resulting ~50% efficiency in testing process.

PROJECTS

Co-founder, Send, Singapore   **Oct 2023 - Present**
- As a member of a founding team of three, collaborated on the development of a unique solution dedicated to revolutionizing cross-border remittance through the application of blockchain technology.
- Led the technology development efforts, steering the creation of a cutting-edge Minimum Viable Product (MVP).

Team Lead, Hack The North 2023, Toronto, Waterloo   **Sep 2023**
- Led the development team in the implementation of a NFT marketplace aimed at digitizing tangible assets on the Polygon blockchain. This involved deploying smart contracts through the utilization of the Thirdweb API.
- Achieved recognition and excellence by clinching the EthGlobal Ethereum Top Prize at Hack the North, showcasing innovation and technical prowess in the blockchain space.

Full-Stack Developer, EthWaterloo Hackathon, Toronto, Waterloo   **Jul 2023**
- Partnered with four team-mates to develop a web3 freelance service marketplace, integrating advanced technologies such as Sismo for credibility verification, The Graph's subgraphs for real-time data querying, and Ethereum Attestation for validating work experience claims.
- Accomplished notable recognition, winning bounties for Best Privacy Vibe and Best New Subgraph, showcasing excellence in privacy features, data querying.