

Education

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| National University of Singapore Degree in Information Systems (School of Computing) <ul style="list-style-type: none">Relevant skills: Java, Python, RStudio, Enterprise ApplicationRelevant modules: Java, Java OOP, Unix, SQL, NetBeans | Singapore Aug 2022 - Present |
| Nanyang Polytechnic Diploma in Business Management (Human Resources + International Business) <ul style="list-style-type: none">CGPA: 3.78/4Director's List Academic Achievement Award recipient [4 out of 6 semesters] | Singapore Apr 2017 - May 2020 |

INTERNSHIP EXPERIENCE

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| Trakomatic Private Limited Full Stack Developer Intern <ul style="list-style-type: none">Details will be given over time. | Singapore Aug 2024 - Present |
| Viettonkin Consulting Full Stack Developer Intern <ul style="list-style-type: none">Spearheaded the development and design of an Objective Key Results (OKR) system, leveraging Express, React, Node.js, Sequelize.js, and MySQL WorkbenchManaged the entire full stack development process, including front-end design, back-end logic, and database management, ensuring system robustness and scalability | Vietnam May 2024 - Aug 2024 |
| Trinax Private Limited Software Developer x Software Tester Intern <ul style="list-style-type: none">Collaborated effectively with a team or independently to design and build software applications using Java (J2SE, J2EE) & JSP, HTML5, ReactJS, JavaScript, AJAX, jQuery, Tailwind CSS, Bootstrap, CSSDeveloped various immersive and interactive Frontend applications for various events (Singtel-QNA, NCSS BTL, Circle), utilising various Frontend technologiesExecuted test cases (manual + automated), analysed results, and documented testing phases, reporting bugs and errors to development teams | Singapore May 2023 - Nov 2023 |
| United Overseas Bank HR Student Intern <p>"Deployed to three HR functions (Talent & Dev/HRBP/Recruitment)"</p> <ul style="list-style-type: none">Successfully analysed 2000 employee satisfaction data sets using Excel, providing insightful solutions and leading the implementation of team bonding activities, resulting in improved employee satisfactionProposed improvements to UOBT Handbook, including updates to working hours and break time policiesManaged and maintained up-to-date headcount records for employees across various functions | Thailand Jun 2019 - Aug 2019 |
| Nanyang Polytechnic HR Student Intern <p>"Recruitment Agency"</p> <ul style="list-style-type: none">Spearheaded and planned a comprehensive recruitment drive connecting Nanyang Polytechnic students with potential employersConducted comprehensive interviews with potential candidates, leveraging strong interpersonal and evaluation skills to assess candidate fit and make informed hiring decisions.Developed and implemented an effective On-the-Job Training (OJT) programDesigned and published at least 50 engaging job posters using the Canva & Figma application | Singapore Feb 2019 - Jun 2019 |

WORK EXPERIENCE

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| RoboThink Coding & Robotics Teacher <ul style="list-style-type: none">Delivered engaging and interactive lesson plans in coding and robotics classes for students using Python, ROCODE and Scratch software applicationsMaintained open and effective communication with parents and guardians to provide regular updates on student progress and address any concerns | Singapore Jan 2023 - Apr 2023 |
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- Handled administrative duties such as data entries and updating into the system (Profile, Insurance checking)
- Exemplified excellent customer service by promptly addressing and resolving driver inquiries and feedback

Technical Expertise

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| Programming | Java, JavaScript, Python Rstudio Ionic | Proficient Intermediate Basic |
| Web Technologies | Tailwind CSS, ReactJS, Express, Node.js, Sequelize.js JSP technology | Proficient Intermediate |
| Database | MySQL DBMS/Workbench | Intermediate |
| Data Visualisation | Canva, Figma, Tableau | Intermediate |
| Office Productivity | Microsoft Word, PowerPoint, Excel | Proficient |
| Non-technical Skills | Project Management Bilingual – English & Mandarin | Proficient Proficient |

Projects

Objective Key Results (OKR) System (Express, React, Node.js, Sequelize.js, MySQL Workbench) 2024

- Led the development and design of a comprehensive OKR management system aimed at enhancing goal tracking and performance monitoring within the company.
- Architected the system using Express for server-side logic, React for a dynamic user interface, and Node.js for seamless backend operations, ensuring a responsive and efficient user experience.
- Implemented Sequelize.js for robust ORM-based database interactions with MySQL Workbench, facilitating efficient data management and retrieval.
- Engineered the front-end interface to provide intuitive user experiences for setting, tracking, and reviewing objectives and key results, enhancing overall productivity and goal alignment.
- Developed key features such as goal-setting dashboards, progress tracking, and performance analytics, contributing to improved strategic alignment and operational efficiency.

Project Orbital Apollo (ReactJS, Firebase, Bootstrap/Tailwind CSS) 2023

- Spearheaded the development of "Cyber Crusader," which addressed the challenge of scattered game-related information by creating a centralized hub for updates and details on upcoming games.
- Designed and implemented a user-friendly interface with features such as Google Account login, personalized game browsing, and a Wishlist/profile editing option.
- Utilized a tech stack comprising HTML, CSS, JavaScript, ReactJS, and Firebase for robust functionality and an enhanced user experience.
- Made critical decisions regarding user login authentication and bot protection, leading to the integration of Firebase for versatile authentication services and Google's reCAPTCHA for reliable user validation.
- Achieved 2nd highest-level project status, demonstrating a high level of complexity and innovation.

Certifications/Awards

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| Project Orbital Apollo (ReactJS, Firebase, Bootstrap/Tailwind CSS) | 2023 |
| Engineering Mathematics – Calculus | May 2022 - Aug 2022 |
| Scientific Computing with Python (freeCodeCamp) | Feb 2022 |
| https://www.freecodecamp.org/certification/KahJyun/scientific-computing-with-python-v7 | |
| Data Analytics Using Excel (Nanyang Polytechnic) | Mar 2022 |
| Platoon Best Award (Sergeant Cadet School) | Nov 2020 |
| Director's List Academic Achievement Award recipient [4 out of 6 semesters] | 2017 – 2020 |