KEE SEOW HAN

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EDUCATION

National University of Singapore (NUS)   **Aug 2021 - May 2025**
Bachelor of Computing (Computer Science) with Minor in Statistics
- Specialising in Database Systems
- Other relevant coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Computer Security, Parallel Computing
- Awarded NUS Merit Scholarship: for students demonstrating academic excellence, excelling in co-curricular activities and exhibiting outstanding leadership qualities
- Awarded Dean's List for outstanding academic performance in AY2021/2022 Semester 1 and AY2021/2022 Semester 2
- Cap: 4.74 / 5.0

SKILLS

- Programming Languages: Java, Python, JavaScript, C, C++
- Tools: HTML, CSS, Git, Bash Terminal, React Native
- Database: PostgreSQL, NoSQL, Firebase

PROJECTS

https://github.com/KSHan29/iP, Task Tracker With Graphical User Interface (GUI)
- Developed and released GUI empowering users to track tasks and deadlines, boosting productivity
- Architected core application logic in Java, crafted GUI and styling using JavaFX and CSS
- Automated building and deployment process with Gradle, streamlining regression testing

https://github.com/KSHan29/Bon-Appetit, Food Delivery Application
- Developed a mobile application which consolidates delivery orders for consumers to lower delivery fees by up to 30%
- Implemented frontend with React Native, application logic with JavaScript and backend with Firebase for responsiveness and scalability
- Authenticated users through Firebase with efficient data management through React hooks

https://github.com/KSHan29/Etch-A-Sketch, Virtual Drawing Board
- Created an engaging interactive virtual board using HTML and CSS for an intuitive and visually appealing layout for users to draw and erase on
- Implemented JavaScript functionalities to capture precise mouse movements, dynamically updating drawing board state in real-time for a responsive user experience
- Utilised Chrome DevTools, further optimising visual layout and debugged web game for a polished user interface

https://github.com/KSHan29/Calculator, Web based Calculator
- Leveraged JavaScript to seamlessly capture both button clicks and key presses for versatility, catering to various user preferences
- Incorporated simple yet intuitive visual feedback with CSS, ensuring clear indications of actions and enhancing overall usability

RELEVANT EXPERIENCE

Overseas-China Banking Corporation (OCBC), Software Engineer Intern   **Jan 2024 - May 2024**
- Developed webpage to automate employees clocking in, reducing manual time-consuming tasks
- Utilized Microsoft API to retrieve employee information for accurate data recording
- Monitored database systems ensuring quick intervention during downtimes and alerts

https://github.com/KSHan29/tp, Appointment Scheduler (Team Project)
- Engineered a comprehensive application empowering students to efficiently manage commitments by tracking tasks and deadlines, optimizing time management and productivity
- Enhanced project architecture clarity by detailing workflows with PlantUML diagrams
- Coordinated with team members for tasks, ensuring effective teamwork and meeting all project deadlines, resulting in a smooth development process
- Drove robust software testing through comprehensive unit and integration tests with JUnit, validating application functionality and reducing bugs

NS, Platoon Commander
- Served as a platoon commander in the Republic of Singapore Air Forces, leading security operations at Sembawang Air Base
- Led responses to emergencies and resolved conflicts between senior commanders and guardroom operators

INTERESTS

- Triathlon, Gym, Bouldering, Basketball, Cooking
- Korean Language (Basic speaking proficiencies)