

Yap Swee En

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Or visit my portfolio [here](#)

WORK EXPERIENCES

The Leadership Institute, Illustrator Intern	Dec 21 to Jan 22
<ul style="list-style-type: none">Designed 50+ game assets, including avatar shirt logos and location icons, using IllustratorAssembled animation, audio and script into a finished product for children's educational videosPerformed game testing and provided feedback on critical issues	
International Design Centre, Intern	May 21 to Sept 21
<ul style="list-style-type: none">Animated a sample tutorial video on using the self-checkin kiosk at Changi AirportCreated insightful survey illustrations to aid in understandingProduced an illustration on Changi Airport staff, which is scheduled to be published in the Transportation Research Part A journalInvestigated user needs and preferences by conducting interviews with the SUTD cleaning staff	

ACADEMIC RESEARCH PROJECTS

Singapore University of Technology and Design Pack-It: Luggage Packing Mobile Application, UI/UX Designer	Singapore Jan-Apr 22
<ul style="list-style-type: none">Designed a packing mobile application with social features for easy list-sharingConducted 3 rounds of user testing with paper, low-fidelity and high-fidelity prototypesEvaluated the prototypes using the 10 Usability Heuristics and cognitive walkthrough	
Singapore University of Technology and Design SUTD What The Hack 2021, UI/UX Designer	Singapore Sept 21
<ul style="list-style-type: none">Spearheaded a group of 3 for a 24-hour software & hardware hackathonDeveloped the wireframe for a carpooling application to reduce carbon footprints by travelers	
Singapore University of Technology and Design SingHealth Retail Management App, Front-end Developer	Singapore Jan 21 to Present
<ul style="list-style-type: none">Co-designed a web application in a team of 4 to digitalize the process of SingHealth retail checksImplemented the user interface using React Native, Firebase and SQL	
Singapore University of Technology and Design Finance Management Mobile Application Design, Front-end Developer	Singapore Sept 20 to Dec 20
<ul style="list-style-type: none">Created an Android application in a team of 5 using Java and Android StudioImplemented machine learning for text recognition, as well as data visualization	
Singapore University of Technology and Design FPGA Game Design, Programmer	Singapore Sept 20 to Dec 20
<ul style="list-style-type: none">Built a Beta CPU on the FPGA with a team of 5 to replicate the functions of CU, ALU, registers, etc.Successfully programmed an obstacle game using the Beta CPU built and assembled the hardware	
Singapore University of Technology and Design Trivia Quiz Design, Programmer	Singapore Oct 20 to Nov 20
<ul style="list-style-type: none">Successfully coded for a trivia quiz game using Kivy	

OTHER PROJECTS

Portfolio Website Building UI Designer & Developer	Singapore May 22
<ul style="list-style-type: none">Designed and coded my personal portfolio website using HTML and CSS	
Project Zero Game Developer	Singapore Feb 20 to Apr 20
<ul style="list-style-type: none">Designed a puzzle game in a team of 4 using Unity	

ADDITIONAL INFORMATION

- Programming: Python, Java, C, React, HTML, CSS
- Illustration: Illustrator, Clip Studio Paint, ibispaint
- Video Editing: Adobe Premiere Pro, Filmora, Kdenlive
- Language: Fluent in English and Mandarin, Basic Conversational in Japanese (JLPT N5)