

RACHEL KHAN

Email

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Portfolio

<https://rachelkhan.netlify.app/>

EDUCATION

Nanyang Technological University, Singapore — *Bachelor of Engineering (Computer Science with a Second Major in Business)*

AUGUST 2018 – MAY 2022 (EXPECTED)

- Expected Honours (Distinction). Recipient of Nanyang Scholarship.

EXPERIENCE

Housing & Development Board (HDB) — *User Experience Design Intern*

JAN 2022 – MAY 2022

- Facilitating research workshops and usability testing with external HDB customers and internal staff for HDB Renovation System Project
- Utilizing design systems to create prototypes for HDB e-Services

Originally US — *UI/UX Design Intern*

MAY 2021 – AUGUST 2021

- Created sitemaps, wireframes and prototypes for a weight management app for a government hospital
- Planned usability test, defined usability metrics and recruited 5 participants
- Conceptualised UX designs for a questionnaire app for SingHealth
- Worked closely with other designers, product managers and engineers to deliver app updates
- Designed 80+ illustrations for in-house apps

Ship Supplies Direct — *UI/UX Design Intern*

MAY 2020 – JULY 2020

- Led website and mobile app design from the ground up for a vessel management system using Adobe XD
- Conducted user interviews via Zoom video calls to identify user needs and presented recommendations for improvement in the company's products
- Collaborated closely with CTO and agile engineering unit to design new features for company to evaluate and implement

ACADEMIC PROJECTS

Final Year Project — *Deep Breathing with Biofeedback Mobile App*

JANUARY 2021 – DECEMBER 2021

- Designed and developed a deep breathing with biofeedback Android app in Java. Recruited 12 participants and conducted a remote and unmoderated user study.

NTU AI4IMPACT Hackathon 2nd Runner Up — *HR Chatbot*

SEPTEMBER 2020 – OCTOBER 2020

- Won third place out of 30 teams in a hackathon at NTU by working with 3 teammates to develop a HR Chatbot for Keppel that was deployed on a live website using Smojo

SKILLS

Design:

Figma, Sketch, Adobe XD, Illustrator, Photoshop, InDesign, Miro, Surveys, Interviews, Competitive Analysis, Heuristic Analysis, Usability Testing

Code:

HTML, CSS, Javascript, Java, React, React Native, Python, SQL, C, C++

Languages:

Proficient in English & Chinese. Conversational Burmese