

Shanice Ng Wen Yi

ngshanice2010@gmail.com | www.linkedin.com/in/shaniceng | shaniceng.github.io/my-website/

SUMMARY

Committed software developer with a passion for technology and a drive for excellence. Experienced software developer with designing and delivering well-designed applications, websites, and games. Proficient in implementing databases to ensure efficient and secure systems and adopting software engineering best practices.

EDUCATION

National University of Singapore

Aug 2021 – Present

- Bachelor of Computing in Computer Science (Honours)
- Expected graduation: August 2024

Ngee Ann Polytechnic

Apr 2018 – Mar 2021

- Diploma in Engineering Science (GPA: 3.95/4.0)
- Relevant Modules: Computer Programming (AD), Data Structures & Algorithms (A), Probability & Statistics (A)
- Events and Publicity Head of Yoga Club, held responsible for planning and executing events

PROJECTS & CONTRIBUTIONS

Alpas

May 2022 – Oct 2022

- Launched a 2D top-down role-playing game to help students understand Singapore with Unity in C# language
- Created character sprites using Aesprite with inspiration of Singapore's landscape

Tik Tok Youth Camp 2022

May 2022 – Sep 2022

- Implemented a hangman game website with HTML and CSS
- Spearheaded project to design landing page with animations by applying JavaScript

Monitoring of Elderly with Mild Cognitive Impairment (MCI) Activities

Apr 2020 – Mar 2021

- Delivered 2 android mobile and wearable applications with Android Studio in Java language
- Collaborated with NUH and 40 MCI patients to study correlation between physical activity and cognitive decline
- Designed applications catering more toward elderly patients
- Managed database with Firebase and display graphs for easier analysis

Scan & Pay Android Application

Oct 2019 – Apr 2020

- Developed an android mobile application with Android Studio and Java language providing convenience to pay for a product in a retail store by scanning QR codes
- Built a database with JSON utilizing Firebase

SKILLS & AWARDS

Technical Skills

- Java, C#, HTML5, CSS, Python, JavaScript, React, C, C++, C#.NET

Other Software Skills

- Microsoft Word, PowerPoint, Excel, GitHub, Firebase, SQL

Soft Skills

- Self-motivated, Team player, Adaptable, Responsible

Languages

- English (Written and Spoken), Mandarin (Written and Spoken)

Achievements

- Lien Ying Chow Scholarship 2020
- School of Engineering Merit Award Apr 2019 – Apr 2020
- Director's List in Ngee Ann Polytechnic Apr 2018 – Apr 2020
- Second Most Outstanding Award Apr 2018 – Oct 2018

WORK EXPERIENCE

Private Tuition Tutor

Dec 2020 – Aug 2021

- Tutored students in Mathematics, Science, and English, resulting in maintaining an A grade for each subject