Shanice Ng Wen Yi

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Objective

- My passion for software development drives me to create software that contributes positively to the company and society. As part of my third year of studies at Ngee Ann Polytechnic, I have developed an android application, which can assist in determining whether doing exercises can delay the progression of mild cognitive decline in the elderly.

Education

COMPUTER SCIENCE | NATIONAL UNIVERSITY OF SINGAPORE   **AUG 2021 – MAY 2025**
- Bachelor of Computing in Computer Science (Honours)
- Expected graduation: May 2025

ENGINEERING SCIENCE | NGEE ANN POLYTECHNIC   **APR 2018 – MAR 2021**
- Diploma in Engineering Science
- GPA: 3.95/4.0

Work Experience

PRIVATE TUITION TEACHER   **DEC 2020 – AUG 2021**
- Educate and guide primary school students in Mathematics, Science, Chinese and English
- Performed other ad hoc administrative duties

SALES ASSISTANT (PART TIME) | TEAVANA BUBBLE TEA   **SEP 2018 – DEC 2018**
- Assisted team in running the bubble tea shop and provided professional customer service
Performed cashiering and other ad hoc administrative duties

Skills & Awards

PROGRAMMING SKILLS
- C#.NET, C, C++, Java, HTML, CSS, JavaScript (Basic), Python (Basic)

SOFTWARE SKILLS
- Microsoft Word, Microsoft PowerPoint, Microsoft Excel

SOFT SKILLS
- Self-motivated, Team player, 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**

Projects and Contributions

MONITORING OF ELDERLY OF MILD COGNITIVE IMPAIRMENT ACTIVITIES   **APR 2020 – MAR 2021**
- Collaborated with NUH to develop a wearable and mobile android application to read data (steps count, heart rate and activities done) and provide analysis for NUH to prove whether doing exercises does play a part in delaying cognitive and physical decline. Uses Java, Android Studio and Firebase

ANDROID APP DEVELOPMENT   **OCT 2019 – APR 2020**
- Developed an Android mobile application that provides ease and convenience to pay for a product in a retail store using QR codes. Uses Java, Android Studio and Firebase.