

## EDUCATION

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**Nanyang Technological University (NTU)** Aug 2019 – **Jun 2023** (Expected)  
**School of Electrical and Electronic Engineering**  
• **Bachelor of Engineering (Information Engineering and Media)**  
• **Honours (Merit)** (Expected)  
• Relevant Modules: (1) *Software Engineering* (2) *Data Structure and Algorithms* (3) *Design and Innovation Project* (4) *Interface Design* (5) *Introduction to Design*

## ACADEMIC PROJECTS / MODULE PROJECTS

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NTU Final Year Project: ***The Sewing App*** Aug 2022 – **Present**  
• Initiated the project to help sewing beginners infer sewing information conveniently and improve online learning.  
• Created sitemap, assets, and high-fidelity prototypes using **UX Design** on platform **Figma**.  
• Developing the mobile application through **Dart Programming** using the **Flutter** framework.

NTU-WKWSCI Module: ***Web Application Design*** Aug 2022 – Nov 2022  
NTU Module Project: ***CovCare Website*** (**Team Leader** of 4 Members)  
• Developed a website for a fictional medical company using Web Application Programming (i.e. **HTML, CSS, JavaScript, Bootstrap**).  
• Conducted **SWOT Analysis** and user research (i.e. User Personas, Customer Journey Map) to analyse current medical websites.  
• Created high-fidelity prototypes using **UX Design** on platform **Figma**.  
• Successfully published final website within one month using the agile development framework.

## INTERNSHIPS

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***Project Engineer Intern, Innwave Tech Pte. Ltd.*** Jan 2022 – May 2022  
• Performed site-specific engineering analysis with the Operations Team on smart factory products.  
• Liaised with the Data Science and Operations Teams to maintain project progress through daily meetings and data analysis.  
• Prepared project analysis reports and cost estimations using **Microsoft Excel** to mitigate risks.  
• Successfully improved the reliability and accuracy of image recognition algorithm by 32% in 2 months.

***Web UX Analyst Intern, Accenture*** May 2021 – Aug 2021  
• Analysed existing web/mobile applications and conducted surveys and interviews to identify weaknesses.  
• Collaborated with different stakeholders about the technical challenges and constraints posted to the team.  
• **Designed** better user flows, wireframes, and high-fidelity prototypes using **UX Design** on platform **Figma**.  
• Proposed and implemented innovative solutions to the stakeholders to resolve issues identified on the current portal.

## WORK EXPERIENCE

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***Customer Service Officer, AGrader Learning Centre*** Jan 2021 – Sep 2021  
• Handled customers' inquiries and identified customers' needs with customer service provisioning.  
• Involved in administrative work using **Microsoft Excel** to assist the daily operations of the centre.  
• Improved patience and interpersonal skills.

## LEADERSHP / CO-CURRICULAR ACTIVITY

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### **Secretary, Cultural Activities Club (CenterStage 2021)**

Aug 2020 – May 2021

- Elected as one of top 5 Main Committee Members to be in-charge of decision making.
- Supervised and addressed disciplinary issues and administrative practices for 28 committee members.
- Oversaw committee welfare, prepared, and disseminated meeting agendas and minutes-of meeting.
- Developed leadership, time-management, and organisational skills.

### **SKILLS**

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- **Languages:** Proficient in English and Chinese (Mandarin)
- **Software Programming:** HTML, CSS, JavaScript, SQL, PHP, C, Java, Dart
- **Software Applications:** Figma, Bootstrap, Procreate, Photoshop, React, Autodesk Inventor, Android Studio, Flutter, React, Microsoft Office