Fung Jing Wen Elisabeth

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EDUCATION

Singapore University of Technology and Design   **Aug 2021 - May 2025**
- Bachelor of Engineering (Computer Science and Design)

Chalmers University of Technology   **Jan - May 2024**
- Global Exchange Programme

Mahidol University, Thailand   **May - Jun 2022**
- Temasek Foundation - NUS Leadership Experience and Regional Networking (TF-NUS LEaRN) Programme
- Worked together with Mahidol University students to create a sustainable buisness prototype

WORK EXPERIENCES

Azendian Solutions   **July 2024 - Present**
  Data Science Intern

- Implemented a PowerBI dashboard to display real-time updates utilizing streaming datasets
- Created a Python script to extract data from PostgreSQL, perform intermediate calculations, and send it as JSON payloads via POST requests for dynamic visualization in PowerBI.
- Researched Predictive Maintenance and Fault Detection Models

Accenture   **Aug - Dec 2023**
  Business Analyst Intern

- Created a technical design file to convey the requirements
- Implemented code changes in the SPRING framework (SpringBatch and SpringBoot)
- Tested in controlled environments (SIT and UAT)
- Identified and fixed bugs by analyzing logs via AWS CloudWatch and querying the database using PostgreSQL

PROJECTS

HackSingapore 2023 - 2nd Runner Up (Sustainability)   **2023**
- Created a React + Vite application with a team to help developers reduce their carbon emissions

SUTD What The Hack 2023 - Winner (Circular Economy & Sustainable Living)   **2023**
- Created a Java application with a team to help consumers monitor and reduce their carbon emissions.

NTUC Income Future X Hackathon - Best Business Use Case   **2022**
- Created a telegram bot prototype with a team that allows policyholders to easily access and manage all the insurance they own with a personalized token, linked to their identity and insurance.

Undergraduate Research Project   **2022 - 2023**
Design Thinking - Harvesting and Analyzing Data on Student Performace
- Analyzed data with a team using Excel to determine the change in the novelty of responses gathered after a design activity

Design Odyssey   **2021 - 2022**
- Created a Figma prototype with a team of an improved digital communication board for non-verbal children with Autism Spectrum Disorder

CO-CURRICULAR ACTIVITIES

SUTD Judo Club   **2022 - 2023**
President (2023)
- Led an executive committee in planning events
- Liased with an external vendor to source for coach training

ADDITIONAL INFORMATION

Skills
- Python, Java, JavaScript, HTML, CSS, Node.js, React, SQL, PostgreSQL
- PowerBI, Excel Macros
- Adobe Illustrator, Procreate, Figma
- Wireframing, UX research and design, User modelling, User Interface design
- Microsoft Word, Microsoft Excel, Microsoft PowerPoint