

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 business 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 - Present

Design Thinking - Harvesting and Analyzing Data on Student Performance

- 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-Present

President (2023)

- Led an executive committee in planning events
- Liaised 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