

Contact

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Top Skills

GitHub pages

Markdown

Java

Certifications

Microsoft Certified: Azure
Fundamentals

Honors-Awards

Diploma with Merit

Tan Yuan Xiang Elroy

National Service
Singapore

Summary

I'm Elroy, a 21-year-old guy on a journey of self-discovery through the exciting worlds of IT and engineering. Currently calling Singapore home, I'm taking a detour from the typical academic path to explore and develop myself before diving into SUTD for a diploma.

Experience

Singapore Polytechnic

Sustainable Mushroom Farming with AIoT Technology project Intern
February 2022 - August 2022 (7 months)

Singapore

Collaborated with a team of seven to conceptualize and design an autonomous urban farming system dedicated to cultivating mushrooms. Took charge of leading a sub-team of four members in the design phase of a shipping container. This container was developed to monitor and control growth parameters, optimizing the conditions for an efficient mushroom harvest. Concurrently, held responsibility for overseeing all hardware aspects while integrating software seamlessly into the system.

Education

Singapore University of Technology and Design (SUTD)

SP – SUTD Pathway Programme · (September 2022 - July 2023)

Singapore Polytechnic

Polytechnic Diploma, Computer Engineering · (2020 - 2023)

Hua Yi Secondary School

High School Diploma · (2015 - 2019)