

EDUCATION

Nanyang Technological University, Singapore
B.F.A Interaction Design
Year 2

Aug 2024 - Present

Dunman High School, Singapore
A' Levels

Nov 2021 - Nov 2021

- Developed a VR visual experience for Art Final Year Project using Unity Game Engine and Oculus VR, selected for Singapore Youth Festival (SYF) Art Exhibition 2022
- Conducted workshop on 2D Game Development in Unity for BuildingBloCS 2021
- CCAs - Golf, Infocomm Club

WORK EXPERIENCE

Home Team Science and Technology (HTX)
Ai/ML Intern

Mar 2024 - Aug 2024

- Explored AI Models for Re-Identification
- Evaluated computer vision models for person and vehicle Re-ID using datasets e.g. Veri-776.
- Benchmarked advanced models in person Re-ID task (e.g., MBR, RPTM)
- Developed Proof-of-Concept System
- Built a person Re-ID prototype using React, FastAPI, and Milvus vector database for surveillance analysis.
- Designed prototype to streamline police investigations by mapping suspect interactions through camera feed.

Singapore Civil Defence Force
Data Analytics Specialist (National Service)

Feb 2022 - Feb 2024

- carried out general analytical tasks and interface with the Dynamic Response Optimisation (DRO) system, aided in emergency appliance deployment.
- Produced wrangling (pandas) and text classification (scikit-learn) scripts, generated data required by the DRO system to provide future projections.
- Developed a Tableau dashboard for the Emergency Behavioural Science & Care (EBSC) Unit to produce timely reports and facilitate profile analysis.
- Performed exploratory data analysis using pandas with visualisation libraries (matplotlib, seaborn) on fire and Emergency Medical Services incident data.
- Explored possibilities in data curation for various SCDF systems

Fundigo Pte Ltd
Laravel Developer

Nov 2022 - Jan 2023

- Served as a voluntary junior Laravel developer in Fundigo, a reward-based crowdfunding startup.
- Liaise with frontend team to resolve bugs and facilitate compatibility between frontend and backend.
- Implemented minor updates in backend API such as media retrieval, database querying and pagination.

Star Horizon Learning Pte Ltd
App Developer

Nov 2020 - Dec 2021

- Led a small team in developing a mock e-commerce app, aided teachers in educating financial literacy concepts.
- Assisted in backend (Flask) web development and deployment to AWS.

COMPETITIONS

MLWEEK 2025

Best Freshman Team

- Lead a team to devise solution on sustainability, focusing on smart bin to segregate contaminated waste

TIL AI 2025

Top 50

- Solved a series of challenge statements on Automatic Speech Recognition (ASR), computer vision and LLM

CCA

NTU Sports Club (Bike Rally Sub-Committee)

- Served as registration officer in charge of website design and development
- In-charged of form collation and registration planning for ~400 participants

SKILLS & INTERESTS

- Skills
- Technical - Data analysis/wrangling - Pandas, NumPy; Machine learning - Scikit-learn; Web frameworks - Flask, Laravel, Vue(developing); Game development - Unity C#; Git; SQL; Deep learning - Pytorch (developing)
- Aesthetic - Adobe Creative Suite (Photoshop, Premiere Pro, After Effects, etc), Figma, Touchdesigner
- Soft Skills - collaboration; creativity; problem solving.
- Interests: Deep Learning; Visiting museums; Breakdancing; DJ/VJ



Scoring Overview

VMock considers lot of parameters inside 3 core modules. Check how you performed on these parameters

70 /100

33 /40

Impact

Focuses on the quality of content and its impact on recruiters.



Action Oriented

Good Job!



Specifics

Needs Work!



Overusage

On Track!



Avoided Words

Good Job!



Positions of Responsibility

On Track!



Extracurricular

Good Job!

11 /30

Presentation

Focuses on whether your resume is in sync with format requirements.



Number of Pages

Good Job!



Overall Format

Needs Work!



Essential Sections

Good Job!



Section Specific

Needs Work!



Spell Check

Needs Work!

26 /30

Competencies

Assesses how well you have reflected your 5 core competencies.



Analytical

Good Job!



Communication

Good Job!



Leadership

On Track!



Teamwork

Good Job!



Initiative

On Track!