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## EDUCATION

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**Nanyang Technological University, Singapore** Aug 2020 – May 2024  
**Bachelor of Computer Science**  
• Expected Honours (Highest Distinction), Current CGPA: 4.34/5.00

## ACADEMIC PROJECT

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**Nanyang Technological University, Singapore** Dec 2021 – Mar 2022  
**Multidisciplinary Project**  
• Configured Raspberry Pi and used it to implement Object Detection model  
• Experience using PyTorch, CUDA and various object detection model like Yolov5, TFLite, etc.  
• Fine tuning of models to achieve desired result (Data augmentation, Changing batch size, Reducing overfitting, etc)

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**Nanyang Technological University, Singapore** Aug 2021 – Oct 2021  
**Software Engineering Project**  
• Developed a phone application that tracks real time utility usage of households  
• Designed the User interface of the application  
• Designed algorithm to query data from database

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**Nanyang Technological University, Singapore** Jan 2021 – May 2021  
**Data Science Project**  
• Data extraction from IMDB database  
• Quantitative analysis of data using graphical and statistical interpretation of data  
• Formulated project findings and presented findings using Jupyter Notebook

## WORK EXPERIENCE

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**AI intern**  
**Amaris.AI** May 2022 – Aug 2022  
• Developed an Automated Training module based on YOLOv5  
• Designed testrig to compare performance of different models  
• Developed a website which allows users to upload data and test performance of models

## CO-CURRICULAR ACTIVITIES

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**Volunteering Club** Aug 2020 – Aug 2021  
**Business Manager**  
**Halls of Residence 5**  
• Planned and executed Canvassing events to raise funds for the less fortunate  
• Perform regular accounting of financial transactions and assets  
• Approve financial transactions of the club committee

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**Volunteering Club** Jan 2016 – Dec 2017  
**Nanyang Junior College**  
**Logistic In-Charge**  
• Managed numerous volunteer projects and fundraising events to help the less fortunate  
• Oversaw and supervised movement, distribution and storage of equipment and supplies used during events  
• Worked with countless organisations such as Community Clubs and Singapore Red cross to do charity work

## SKILLS

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Languages: Proficient in English and Chinese  
Digital Skills: C, Java, Python, React, ReactNative, FastAPI, Docker, Microsoft Office, Computer Vision models

## HOBBIES & INTERESTS

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Travelling, Volunteering, Sports (Football)