

# DAO TRONG KHANH

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## EDUCATION

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**National University of Singapore**  
**Bachelor of Engineering, Computer Engineering**

**Aug 2022 - Present**

Minors in Information Systems and Data Analytics

- Cumulative Average Point (CAP): 4.88/5.00
- Expected Graduate: 2026
- Relevant Coursework: Programming Methodology, Linear Algebra, Calculus, Discrete Structures, Engineering Principles and Practice

## SKILLS

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<b>Programming Languages</b>	Python, C++, C
<b>Hardware</b>	Raspberry Pi, Arduino
<b>Web Development</b>	HTML/CSS/JavaScript
<b>Others</b>	Git, GitHub

## PROJECTS

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**Alex to the Rescue** (team of 4): Our project, Alex to the Rescue is about Alex the Bot - a simulation of a self-driven car. Our aim is to overcome a random map and try to reconstruct the map using Raspberry Pi OS and LiDAR. In addition, Alex was able to run through obstacles and identify various types of objects on the map, and finally park in a specified parking lot.

**The A-maze-ing Race** (team of 4): Our project, the A-maze-ing Race is a maze which our robot has to clear in the shortest time. Along the way, there are various colour challenges which the robot would face and our robot - the mBot - needs to react differently according to the various colours it detects in order to complete the race.

*Upcoming Projects:*

**TheStockXtreme** (pair project - Orbital 2023)

- We aim to create a platform where you can view the live-time stock data, and create and track your portfolios. If you are a beginner, our platform can perform virtual tradings with real market data using our virtual currency.
- Developing front-end with React Native and integrating with back-end using Firebase.

## EXTRA-CURRICULAR ACTIVITIES

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**Sports: Football**

**Aug 2022 - Present**

- Core member of NUS Recreational Football Team - prospective captain
- Captain of VN NUS FC (Vietnamese NUS Football Club)

**Communities Services**

**Aug 2022 - Present**

- Active member and prospective Executive Committee member of the Vietnamese Community in NUS
- Group Leader of Raffles Hall OCIP - Project Trailblazer - tutor of Sri Lanka children Grade 6-7

## OTHERS

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**International Certificates**

- **GCE A Level** Mathematics A\*, Physics A\*
- **IELTS** 7.5