

Pham Trung Viet

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EDUCATION

Singapore University of Technology and Design (SUTD)	May 2018 to present
<ul style="list-style-type: none">• Bachelor of Engineering (Information System Technology and Design)• GPA 4.3/ 5.0, expected Magna Cum Laude• SUTD Undergraduate Merit Scholarship• Expected Date of Graduation: August 2021	

WORK EXPERIENCES

LionsBot International Pte Ltd	Singapore
Part Time Engineer	Nov 2018 to present
<ul style="list-style-type: none">• Program C/C++ code for Arduino and Teensy for primary testing and calibration of different hardware component such as ultrasonic sensors, stepper motors, light-switch, etc• Assemble hardware , wiring and carrying out real time test on the robot with each hardware components	
Carbon8-Vietnamese Branch	Vietnam
Web Development Intern	Jan 2018
<ul style="list-style-type: none">• Developed front end components such as UI/UX for website based on templates given by clients• Coded using HTML, CSS and JavaScript	
Institute for Infocomm Research @ A*STAR	Singapore
Work attachment	Dec 2016
<ul style="list-style-type: none">• Designed and programmed rehabilitation game for physically impaired patients, along with seniors researchers• Utilized advanced motion and behavior sensors such as eye tracker Tobii Eyex, Myo armband and Leap motion in order to create hand-eye coordinate exercises in Unity 3D environment• Used basic machine learning tool to classify users' behavior to determine the accuracy of the users' action.• Shortlisted and presented the product at Singapore Science and Engineering Fair (SSEF) 2017	

ACADEMIC PROJECTS

Introduction to Design (SUTD)	Singapore
Interactive game for wearable device, Team leader	October 2018 to December 2018
<ul style="list-style-type: none">• Designed an augmented reality game concept for wearable device to encourage player to run more often, worked in a team of 5 members• Built the prototype using Arduino and various sensors such as accelerometer, touchscreen LCD, RFID sensors and MP3 player.	

EXTERNAL COMPETITION

ROBOCON International Design Contest

Japan

Robotic Competition

August 2018

- Represented Singapore University of Technology and Design to participate in the international competition which required to build robot to compete against one another
- Built the robots using basic Arduino and various components.

Singapore Science and Engineering Fair

Singapore

Competition

March 2017

- Developed rehabilitation game for physically impaired patient using Unity 3D and C# in a team of 2
- The project was short-listed against almost 300 projects into the final presentation round

CO-CURRICULAR ACTIVITIES and VOLUNTEER EXPERIENCES

SUTD Boxing Club

2018 to present

Vice president

- Organized university's inter martial art sparring event for SUTD students together with the university's other martial art committee
- Planned and led the weekly practices for the club consisting of 10 members to improve their strength and endurance and boxing skills

MINDS Towner Gardens School

Jan to May 2017

- Taught a class of 20 children with special needs essential daily activities and concepts and played games with them
- Organized 1/2 day event to teach the children how to make breakfast and play sports with them

ADDITIONAL INFORMATION

- Proficient in 3D printing, Python, Arduino, Linux and SolidWorks
- Skilled in Adobe Photoshop
- Fluent in English and Vietnamese
- Love sport and art