S.Sudharshan

S T U D E N T   E N G I N E E R

17 | freelancer. electronics. embedded systems.
pcb design. robotics. coder. pokémon fanatic.
still in school :(

Me.

5+ years of experience working with embedded systems and digital circuitry at home. Started learning Arduino and Python in 2012. Currently loves C/C++, AVR/ARM, Robotics and Drones

Skills.

PCB Design (KiCAD) ● ● ● ● ●

Embedded Systems (AVR/STM32) ● ● ● ● ●

DigitalElectronics ● ● ● ● ○

FPGA Design (Verilog) ● ● ● ● ○

Python ● ● ● ● ●

Robot Operating System ● ● ● ● ●

C/C++ ● ● ● ○ ○

Education.

National University of Singapore (NG)

Modules Taken,

EG1310 (**A**). EG2311 (**A-**), EE2026 (Currently Enrolled), EE3031 (**A-**)

NUS High School of Mathematics and Science,

Current CAP score: **4.5**   Expected Graduation: **Dec, 2018**

Jurong Primary School,

PSLE score: **276**   Period of Study: **Jan 2007 - Dec, 2012**

Employment.
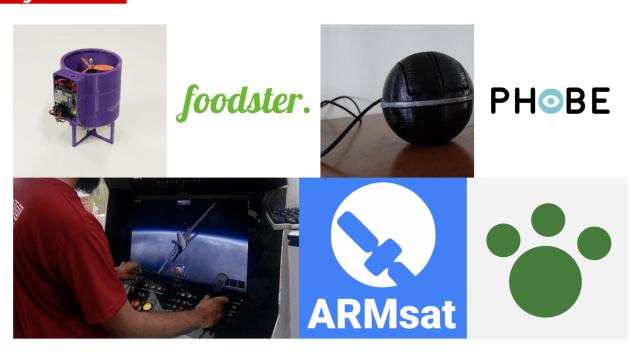
Freelancer,

July 2017-Present

https://www.upwork.com/o/profiles/users/_~01445f2d14f601a0a8/

Embedded Systems Engineer (Intern)

June - July 2017

Hope Technik Singapore

Projects.

Talks.

Hackware v3.14159

ARMSat- a STM32 based nanosatellite project

8 June 2017

Hackware v2.3

PCB Assembly using a DIY solder reflow oven

6 October 2016

Hackware v1.9

Intel Edison Flight Controller

30 June 2016

Contact Me.

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