



S. Sudharshan

STUDENT ENGINEER

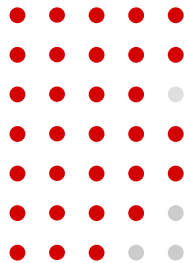
17 | electronics. embedded systems.
pcb design. robotics. coder. pokémon fanatic.
still in school :(

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)
Digital Electronics
Verilog/VHDL (FPGA Design)
Python
Robot Operating System
C/C++



Education.

National University of Singapore (NG)

Modules Taken:

EG1310 (A)
EG2026 (A)
EE2311 (A-)
EE3031 (A-)

NUS High School of Mathematics and Science,

Current CAP score: 4.3 Expected Graduation: Dec, 2018

Jurong Primary School,

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

Employment.

Freelancer (UpWork)

July 2017 - February 2018

I designed PCBs for clients, using the open source KiCAD software. Some examples of client projects I worked on are, an MP4 player, Internet of Things (IoT) development and Embedded C programming.

Embedded Systems Engineer (Intern)

June - July 2017

Hope Technik Singapore

I worked on designing test processes for their robotics boards, such that automated testing could be done during the assembly process.

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

Languages.

English

Proficiency: Expert

Tamil

Proficiency: Native

Contact Me.

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Github : <https://github.com/solderneer>

Twitter : <https://twitter.com/solderneer>

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