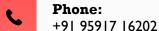# Sai Kaushik S

CSE Student, Hardware Enthusiast

Passionate about VLSI Design, Computer Architecture and Reconfigurable Computation.

Actively looking for challenging problems to solve.

Available for long-term internships.

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Address

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Subbanna Garden Vijayanagar,
Bangalore, KA – 560 040

Skills

C, C++, Python, Verilog, ARM

Education

July 2018 - Present

Dual Degree (B. Tech + M. Tech) Computer Science and Engineering
Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai
CGPA: 8.67 / 10

July 2016 – April 2018

Class 12 (Karnataka State Board) PCME
VVS Sardar Patel PU College, Bangalore
Percentage: 93.33%

May 2015 – April 2016

Class 10 (CBSE Board)
Narayana e-Techno School, Bangalore
CGPA: 10 / 10

Projects

Netlist Viewer `Build` `Ongoing` `Language` `Python`

A python program that generates a graph from a input Verilog .v file, (Structural model) or Verilog netlist .vm file.

VLIW Simulator `Build` `Ongoing` `Language` `Verilog`

A program that simulates the VLIW Architecture.

Sim File Generator `Build` `Passing` `Language` `Python`

A python program that generates a .sim file from an input Boolean expression.

Dadda Multiplier `Build` `Passing` `Language` `Verilog`

Applications that implement the fast Dadda multiplier with different compression ratios   5:2   15:4   4:2

Achievements

- Participated in Swadeshi Microprocessor Challenge 2020.
- Achieved AIR 6429 in GATE CS 2021.