Sai Kaushik S

3rd Year 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.

Phone:
+91 95917 16202

Email:
saikaushik609@gmail.com

Website:
Sai Kaushik S

Address

101, Sri Venugopala Nilaya,
2nd Main, 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 & 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 `Status` `Ongoing` `Language` `Python`

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

VLIW Simulator `Status` `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

Extra-curricular

- Participated in Swadeshi Microprocessor Challenge 2020.
- Secured a score of 455 in GATE CS 2021.