Shubham Dainiwal

Design and Verification Trainee

I am electronically savvy and passionate about working in Digital domains, constantly improving the skillset required to excel in VLSI Domain. Self-Motivated, Hardworking, and Conscientiousness person who thrives in a high-pressure working environment

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github.com/Shubhamdainiwal

PROFESSIONAL TRAINING

Advanced Digitial Design and Verification Course, Maven Silicon, Bangalore (Present)

EDUCATION

Bachelors of Engineering in Electronics and Tele-Communication
Government College of Engineering, Amravati
08/2018 - 08/2022, *CGPA: 7.66*

HSC(+2)
Late Jyoti Janholkar Higher Secondary School, Akola
06/2017 - 05/2018, *Percentage: 77.54%*

SSC(10th)
Shri Bhausaheb Potey Vidyalaya, Akot
06/2015 - 05/2016, *Percentage: 92.4%*

TECHNICAL SKILLS

SUBJECTS KNOWN:	Digital Electronics	**TB Methodology:**	UVM
HDL:	Verilog	**HVL:**	System Verilog
Programming Languages:	C, Python	**EDA Tools:**	Mentor Graphics-Questa Sim, Xilinx-ISE and Model Sim
Operating Systems:	Linux, Windows	**Timing Analysis:**	STA

PROJECTS

Router 1x3-RTL Design and Verification

- Implemented RTL using Verilog HDL and verified RTL using System Verilog Synthesized the design
- Generated functional and code coverage for RTL Verification Signoff.
- **EDA Tools**: Model Sim, Quartus Prime

MAC Unit

- Implemented RTL using Verilog HDL and verified RTL using System Verilog HVL.
- Generated functional and code coverage for RTL Verification Signoff.
- **EDA Tools**: Mentor Graphics-Questa Sim.

PROJECTS

- **Real Time Visualization Box using Raspberry Pi and Python**
- **Smart Blind Stick Using Arduino and Python**
- **Voice Smart Home Assistant Using NodeMCU and Python**

EXPERIENCE

- Intern
At Persistent System
01/2022 - 06/2022

- Intern
At MBA Electrosoft, Amaravati
05/2019 - 06/2019

SOFT SKILLS

Time Management | Team Work | Problem Solving | Persistence

INTERESTS

 Chess/Sudoku

 Reading Books

 Travelling

 Badminton/Cricket

DECLARATION

I hereby declare that all the particulars furnished above are true to the best of my knowledge.

Place :
Date :

Signature