

Aryan Shrivastava

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EDUCATION

International Institute for Information Technology Hyderabad <i>B.Tech in ECE : Recent SGPA: 8.62, CGPA: 8.02</i>	Hyderabad, India <i>Pursuing, Expected Graduation: 2027</i>
Sun Valley International School <i>Class XII CBSE; 95%</i>	Ghaziabad, UP, India <i>2023</i>
Sun Valley International School <i>Class XII CBSE; 98.4%</i>	Ghaziabad, UP, India <i>2021</i>

PROJECTS

DataHack <ul style="list-style-type: none">Our goal was to predict how likely individuals are to receive their xyz and seasonal flu vaccines using data analysis based upon some test sets given. The hackathon was organised by IIT Guwahati	Link: Project-1 Link
4-Bit CLA Adder <ul style="list-style-type: none">Implemented a 4-Bit Carry Look Ahead Adder to meet the minimum propagation delay and tested the circuit using NGSPICE, made layout using MAGIC and implemented on FPGA using Verilog	Link: Project-2 Link
Two Link Manipulator <ul style="list-style-type: none">Implemented a two link robotic arm using controls system and simulated the results using Simulink by MATLAB with the aim to reduce the error and increase the response time simultaneously.	Link: Project-3 Link
Quadrature Down Oscillator <ul style="list-style-type: none">Analysed and designed a Quadrature Down Oscillator (QDC) using LTSPICE and implemented the same through hardware.	Link: Project-4 Link
Portfolio Website <ul style="list-style-type: none">Designed and developed a personal portfolio website.	Link: Website Link

TECHNICAL SKILLS

Languages: Verilog, C/C++, MySQL, HTML5, CSS, JavaScript
SPICE: NGSPICE, LTSPICE
Technologies: MAGIC, FPGA, IoT, LaTeX

ACHIEVEMENTS

- Vigyan ko Janno Pratiyogita : 2019
- Sample
- Sample