

EDUCATION

- **School of Engineering and Applied Science** Ahmedabad, Gujarat, India
Bachelor of Technology in Information and Communication Technology; GPA: 3.02/4.33 July. 2013 – May. 2017

EXPERIENCE

- **Argusoft** Gandhinagar, Gujarat, India
Programmer Analyst Jan 2017 - Present
 - **Campaign Management Platform:**
 - **Survey Tool:**
 - **National Sports Talent Search (Sports Authority of India):**
- **School of Engineering and Applied Science** Ahmedabad, Gujarat, India
Teaching Assistant - Linear Algebra August 2016 - Dec 2016
Teaching Assistant - Calculus and Differential Equations July 2014 - Nov 2014
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PROJECTS

- **Game Theory - Nash Equilibrium:** Creating Mind Map and Summary for 'Beyond Myopic Best Response (in Cournot Competition)' paper. Further, analysing the worst case equilibria, minimizing the costs (both routing and link creation cost) for topologies having newer nodes.
- **Compression and Encryption :** Implementation of entropy based lossless compression - Huffman, Adaptive Huffman and Arithmetic. Implementation of Linear Block code - Hamming Code and Low Density Parity Code.
- **CPU Scheduling Algorithm:** Implementation of process scheduling algorithms : FCFS,RR,SPN using shell script -through signal handling and pthreads. LR Parser acted as our processor. Text file containing arithmetic equations were processes.
- **Event Ticket Booking Portal:** Design and Implemented Event Ticket Booking database. Making of ERD, Relations, ERD to Relations, Normalisation. And wrote more than 200+ SQL Queries. Also created procedures,triggers and transactions.
- **Spell Checker:** Java Program with database of 5k words using trie tree data structure
- **ALU and Non-pipelined MIPS Processor:** Created 32-bit ALU using Logisim and doing hardware optimization. Created a non-pipelined MIPS processor having 5 stages in verilog using Xilinx tool and simulate the processor by creating a test bench using the Xilinx tool.
- **Smart Room:** Make a Working Prototype of Smart Room.Light and fan of a room were automated using inputs as the number of people present in the room, temperature and light intensity of the room.

EXTRA ARTICULAR

- **Dynamos Sport Fest of SEAS:** First in 100 m Girls
- **Adani Ahmedabad Marathon:** Run for Soldiers. 5km under 45 minutes
- **Himalyan Trek:** Deoriatal Chandrashila Peak Trek. Moderate. 4-8 march. Completed the Summit

PROGRAMMING SKILLS

- **Languages:**
- **Technologies:**