
EDUCATION

Calicut, Kerala	National Institute of Technology Calicut	Monsoon 2011 – May 2015
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- B Tech in Electronics and Communication Engineering to be completed by May 2015.
- Coursework: Computer Networks, Computer Programming (C and C++), Computer Organization and Architecture, Information Theory and Coding, Control Systems, Logic Design, Signals and Systems, Network Theory, Digital Communication, Digital Signal Processing, VLSI Circuits and Systems, Embedded Systems.
- Labs: Logic Design Lab, Electronics Circuits Design Lab, Analog Communication Lab, Micro Controllers and Micro Processors Lab.
- CGPA of 7.63 till sixth semester.
- Current coursework undergoing on High Speed Digital Design, Analog CMOS Integrated Circuit Design and Data Mining.

Manjeri, Kerala	HMY Higher Secondary School	March 2011
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- Completed Plus Two in PCMB with 96.5 percentage marks under Kerala State Board
- 100 percent in Physics and Mathematics, 96.67 percent in Chemistry

Agastianmuzzi, Kerala	Pallotti Hill Public School	March 2009
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- Completed Tenth standard with 94.4 percentage under Central Board of Secondary Education.

TECHNICAL EXPERIENCE

Projects

- **Universal Natural Language Translator:** A universal natural language translator that could translate between multiple languages. It used Raspberry Pi and was coded using Python and Shell script.
- **Intel Galileo Documentation:** Tested, evaluated, debugged and documented the Intel Galileo development board before its release. The Linux capabilities were exploited with an emphasis on its Arduino Shield. Fixed a few bugs on x86 compiler for Linux. Also, networking capabilities were enhanced. Majority of Arduino Uno compatible shields were interfaced with Galileo.
- **Electronic Fuel Injection System:** Embedded system that optimizes the amount of fuel pumped into the combustion chamber of the Automobile.
- **Face Recognition using OpenCV:** A HAAR trained frontal face and eyes file were used to recognize faces and eyes of an individual from an image or from the input from a webcam. It was coded in Python and used OpenCV image processing libraries.

OTHER ACHIEVEMENTS AND AWARDS

- **National Second Rank** in Sarvodaya Talent Search examination and state level ranks in numerous talent search exams while in school.
- **Quizzing:** Won a lot of prizes in state level quizzes, including 6th position in state in The Hindu Young World quiz among 204 teams participated.
- **Organizing:** Designed and conducted 3 national level workshops in Tathva, the national level Techno-Management fest conducted in our college.
- **Design:** Designed responsive HTML5 websites for numerous institutions and events, including the college central library and for the cultural fest of the college, Ragam.

Languages and Technologies

- C++; C; Python; HTML; CSS; JavaScript;
- Arduino; Intel Galileo; Linux (Shell Scripting); TI Tiva C Series boards; MSP430; Code Composer Studio; mbed embedded Programming Platform; Raspberry Pi;

References

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