

Heeral Kartik Thakur

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Career Objective:

Seeking a challenging position, utilize my skills and abilities in the Computer Science Industry that offers professional growth in the terms of creativity, innovation and flexibility and eventually to be an entrepreneur

Education Qualification:

- 2015 – expected 2017: Pursuing Masters in Applied Information Technology
George Mason University
- 2011 – 2014: Bachelor of Engineering in Electronics and Telecommunication with **60 %**
Thadomal Shahani Engineering College (University of Mumbai)
- 2008 – 2011: Diploma in Electronics and Video engineering with **79%**
Vivekanand Education Society Polytechnic, Mumbai

Academic Project

- Title: Solar energy powered microcontroller based stepper motor controlling (Diploma 3rd year)
Explanation: This project basically uses a MCS-51 as a main IC for controlling the stepper motor. We can control the direction as well as speed of the movement of stepper motor. And its all solar energy based. There are many applications to this project few of them are machine control and robotics for controlling the axial rotation in XY plan. Here we are using the stepper motor as a sprinkler which can be used in gardens as well as in farms.
- Title: Health monitoring system using GPRS (Degree Final year project)
Description: The purpose of this project is to design and develop a portable continuous health monitoring system for physiological studies using GPRS. The system can be used to monitor physiological parameters like heart rate and body temperature. So offers enhanced efficiency in the process of collection of biometric parameters and transferring them. This application facilitates doctors in their diagnosis from a remote place and improves the efficiency and quality of medical administration.

Software Proficiency:

Languages : C, C++, Core java, VB 6.0
DBMS Packages : SQL, MySql
Operating Systems : MS DOS, Linux, Windows98, NT, 2000, XP, Windows 7
Web Designing : JAVA, HTML, XML, Javascript, PHP

Industrial Training:

- Software Developer Intern, Ace Televoice & Services (ATS), Mumbai, India - Worked under a team of business experts and process analysts who helped in providing precise and full solutions in software development sector. (September 2014, after completing bachelors degree)

Co-curricular & extra-curricular Activities

- Participated in volleyball competition in Diploma college. Won first prize.
- Participated in photography workshops organized by the college.
- Completed a course on C++ in NIIT Mumbai.
- Was an event organizer for annual day functions and other technical events during school and college