SAHIL NAYYAR
M.Tech (Electronics & Communication)
Address : #110,Hanuman Chowk,
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E-mail : sahilnayyar89@yahoo.com
Date of Birth : August 18,1989

CAREER OBJECTIVE

To progress in a Strong Career Oriented Environment in the field of Education and Research, where in my knowledge, skill and abilities could be optimally utilized and which would enable me to grow as a professional while fulfilling organizational goals.

ACADEMIC PROFILE

Degree/ Certificate	Board/ University	School / College	Year	Percentage
M.Tech* (ECE)	Punjab Technical University, Jalandhar	Beant College of Engineering and Technology, Gurdaspur	2012	71.29%
B.Tech (ECE)	Punjab Technical University, Jalandhar	Beant College of Engineering and Technology, Gurdaspur	2007-2011	72.84%
12th	Central Board of Secondary Education (CBSE)	DAV Sr. Sec. School Sec 8-C, Chandigarh	2007	75.20%
10th	Council for the Indian School Certificate Examination (ICSE)	Little Flower Convent School, Gurdaspur	2005	72.33%

* Pursuing

TRAINING UNDERTAKEN

- Embedded systems at **TICO** Institute of Embedded systems, Delhi (June-July, 2009).
- C, C++ at **NIIT** (National Institute of Information Technology), Delhi (June-July, 2010).
- Internship with **IDEA** Cellular Limited, Mohali Punjab Circle (January - June, 2011).

TEACHING EXPERIENCE

- Worked as Lecturer in Electronics & Communication Engineering Department, Beant College of Engineering & Technology , Gurdaspur (January 2012 – December 2013).
- Worked in Krishna Institute (SSC-JE), New Delhi (July 2014 – June 2016)
- Working in KD Campus Pvt. Ltd. (July 2016 – till date).

PROJECTS

Smart card project based on microcontroller:

Project Description: This project is designed to gain access to an area or control a device by using a valid smart card only. The security of any organization is the top most priority for the concerned authorities. For this reason only, the authorized person with a valid smart card is allowed to operate the device/to access a secure area.

Home based DTMF (dual tone multiple frequency) project based on microcontroller:

Project Description: DTMF controlled home appliances project works over mobile DTMF technology that exists in Dial tone. There are some frequencies that we used to create DTMF tone. In simple words by adding or mixing two or more frequencies generates DTMF tone.

Gesture controlled robot using image processing:

Project Description: This project is based on a MATLAB and controller that aims to capture human gesture and translate its motion into corresponding movement of robot to be used as a manipulator for interaction with the environment.

Drowsy driver detection system:

Project Description: The aim of this project is to develop a prototype drowsiness detection system which monitor the head movement of a driver in real-time. The system deals with detecting eyes, nose and mouth with the specific segment of the image.

EXTRA & CO-CURRICULUR ACTIVITIES

- President of **Music and dramatics club** (Beant College of Engineering and Technology, Gurdaspur).
- Member of **ISTE (Indian Society of Technical Education).**
- Organized **TEQFEST-2k10** (Beant College of Engineering and Technology, Gurdaspur).
- Organized 2 days soft skills workshop in Beant College of Engineering and Technology, Gurdaspur.
- Worked as a Senior Executive and organized **SUI-GENERIS 2K10** cultural fest (Beant College of Engineering and Technology, Gurdaspur).

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Place: **Sahil Nayyar**

Date: