NAME: VAISHNAVI MOHAN

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MOBILE: +91 77380 43067

CAREER OBJECTIVE:

Seek to work in an environment that will challenge me further while allowing me to contribute my acquired technical know-how to the continued growth and success of the organization.

ACADEMICS:

CLASS/ COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	MARKS (%)
B.E (Electronics and Telecommunication)	A. C. Patil College of Engineering, Navi Mumbai	Mumbai University	2015	59.17
XII	Bharatiya Vidya Bhavan, Kerala	CBSE	2011	74.2
X	Bharatiya Vidya Bhavan, Kerala	CBSE	2009	85.2

AREAS OF INTEREST:

- Testing, Documentation and Implementation of Integrated Circuits and Equipments.
- Assembly Language Coding.
- Simulation and Tool Testing.

PROJECT:

- B.E. Project*: Artificial Intelligence Gate Control* [Face Recognition]
  A software controlled Gate control system which reduces manual labour and also enhancing security. Face Recognition is achieved by Features as well as the Pattern matching. By studying and analysing algorithms like SIFT, SURF, FAST and PCA, and interfacing the most efficient one with the GUI for Automated control.

- Mini Project: *Smoke Detector*
  Implemented using a timer IC-555 and a Photo-Interrupter Module. When smoke is present in the gap of the Photo Interrupter Module, the light beam from led to photo transistor is obstructed. As a result, the phototransistor stops conducting and IC-555 activates the alarm.

TECHNICAL SKILLS ACQUIRED:

- Certificate Course in Core and Advanced Java from NIIT, Thane, 2012.
- D-Link Certified Switching certification by D-Link.
- Resourceful in understanding basic network structures (LAN/WAN).

STRENGTH:

- English Proficiency.
- Multilingual and Effective communicator with notable team building skills.
- Quick grasping and Strong problem solving abilities.

ELECTRONICS AND COMPUTER SKILLS:

- Microcontrollers: 8051
- Operating System: Linux and Windows
- Programming Lang.: Assembly language, C, C++, Java
- Database Systems: MySql
- Web Technology: HTML
- Software Packages: MATLAB, OpenCV, Microsoft Visual Studio, Latex, Eagle

CO-CURRICULAR ACTIVITIES:

- Participation in ROBOCON, 2014 conducted by MIT, Pune.

- Participation in 'Technical Paper Presentation' organized by A. C. Patil College of Engineering in the Technical-fest Nexus-2015.

- Participation in 'National Level Technical Paper Presentation' organized under the Technical Symposium "TECHKNOW-2015.

- Participation in Wireless Communication Workshop by Solar Clan held at IIT Bombay.

- Participation in Signals and Systems Internship Program at Indian Railways, Byculla.

- Training on Telecommunication Systems at BSNL, Nashik.

EXTRA CURRICULAR ACTIVITIES:

- President of *Students Association of Electronics and Telecommunication Department* and organised the Annual Departmental Fest "NEXUS".

- Volunteered for 2 years as an Events Intern for *Make A Difference [MAD], India*, An NGO aiding children at risk, to organise several events on a large scale to generate funds for the children. Organised events such as Community fund raising, Karaoke Night, Comedy Nights and Rock Gig. Also worked as a team member for The DREAM CAMP which is a special extravaganza by MAD for these kids.

- Pursuing Level 3 Deustch (German).

- Core Team Member and Event Head in College Annual Festival Konverge'15.

- Core Team Member and Event Head in College Annual Festival Rhythms'14.

- Participated in SES-Marathon for the noble cause of "Women Safety & Student's Welfare".

- Participation in 'Clash of Titans- Debate' at Vidyut, 2012 organized by A. C. Patil College of Engineering.

- Participation in Ethical Hacking Workshop in Vectors, 2013 conducted by A. C. Patil College of Engineering.

HOBBIES:

Avid reader of Novels and Blogs, NGO work, Cooking, Travelling, Trekking, Stock Exchange Enthusiast, Event Managing, Teaching, Cricket and Football Follower.

PERSONAL DETAILS:

<u>Date of Birth:</u> 22ndApril, 1994   Age: 21
<u>Gender:</u> Female
<u>Address:</u> Vaishnavi Mohan d/o Mohan Ganesh,
          B-7, Vijay Apartments, L.B.S. Marg, Naupada, Thane- 400 602. Maharashtra.
<u>Languages known:</u> English, Tamil, Hindi, Marathi, Malayalam, German.

DECLARATION:

I, Vaishnavi Mohan, hereby declare that the above mentioned information is factual and correct up to the best of my knowledge and belief.

Date: 20-07-2015   Signature
Place: Mumbai   Vaishnavi Mohan