PRIYANKA

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CAREER OBJECTIVE

To work in a challenging and responsible position where my work skills and creative mind can be utilized for the progress of the organization.

EDUCATIONAL CREDENTIALS

Qualification	Board/University	Year of passing	Percentage/CGPA
M.Tech	National Institute of Technology Karnataka, Surathkal	**2018**	**8.86**
B.E.	Jerusalem College of Engineering (ANNA UNIVERSITY)	**2015**	**8.72**
XII Class	Kendriya Vidyalaya No.2 Tambaram (CBSE)	**2011**	**94**
X Class	Kendriya Vidyalaya No.2 Tambaram (CBSE)	**2009**	**90.4**

TECHNICAL SKILLS

Programming Languages   **:** C, C++, basics of R, SQL.
Operating Systems   **:** Ubuntu, Windows
Databases   **:** MYSQL
Tools   **:** Git, Latex, Weka

AREA OF INTEREST

- Machine Learning
- TCP/IP
- Routing protocols
- Database Management System

PROJECTS INVOLVED

PROJECT 1 : ENHANCED SENTIMENT ANALYSIS OF TWITTER DATA
Platform: R language, WEKA
Sentiment is nothing but polarity of a tweet, word or phrase. It can be positive, negative or neutral. I performed sentiment analysis on Twitter data extracting various features. I trained my system to perform sentiment analysis of each tweet. I have achieved a score of 73.0373 % through my sentiment analysis, which is best till date.

PROJECT 2 : IMPLEMENTATION OF AOMDV ROUTING PROTOCOL IN NS3
Platform: NS-3 simulator
Ad hoc On-demand Multi-path Distance Vector (AOMDV) Routing Protocol is multi-path version of AODV which computes multiple paths during route discovery. It is designed primarily for highly dynamic ad hoc networks where link failures and route breaks occur frequently. It works either in node-disjoint mode or link-disjoint mode.

PROJECT 3 : IMPLEMENTATION OF CHECKSUM IN STATIC AND DYNAMIC NETWORK ADDRESS TRANSLATOR
Platform: NS-3 simulator
NAT is responsible for maintaining a table mapping of local IP & port tuples to one or more globally unique IP and port tuples. I worked to add checksum in static and dynamic NAT.

PROJECT 4 : REPLICATION OF HUMAN HAND USING FLEX SENSOR
Platform: Hardware (servo motor, processor),Flex sensors, C language.
The main aim of this project is to make an artificial low-cost robotic hand that
offers much of the functionality of human hand. This is basically for the people
who lost their hands for some reason. The design of the hand needs to be refined
and tested to make sure that it's robust and functional as well as aesthetically pleasing.
can be computed.

ACHIEVEMENTS

➢ Won the best paper award in the NATIONAL CONFERENCE VENT'15.
➢ Presented paper on ARTIFICIAL HAND in NATIONAL CONFERENCE on ADVANCED COMPUTATIONAL TECHNOLOGY.
➢ Participated in
1."ACM ICPC-INDIA CHENNAI MULTI PROVINCIAL CONTEST 2013" at Hindustan University.
2."PROGRAMMING" Contest in "TECHNO SUMMIT 13" AT Satyabama University.
3."KOD PREKLAD-A" Competition in Jerusalem College.
4."WEB DESIGNING" Competition in Jerusalem College.

- ➢ Participated and won
    1."CODEWAR" Competition in "YOUNG MINDS INNOVATION CHALLENGE" ,KCG College (First place).
    2."ELECTROMANIA" Competition in "YOUNG MINDS INNOVATION CHALLENGE" ,KCG College (Third Place).
- ➢ Have completed "RAJYA PURASKAR"   Scouts And Guides successfully.
- ➢ Have represented Chennai Region twice in athletics and once in Basket Ball.

EXTRA CURRICULAR ACTIVITIES

- ➢ Played in KVS National level Sports Meet (thrice)- Basket Ball, Athletics.
- ➢ Have organized various events in college as Vice President of the College in B.Tech.
- ➢ Actively participated in freshers cup at NITK, Surathkal - Basket Ball,Volley Ball, Cricket.
- ➢ In school actively participated in various competitions like Speech, Rangoli, Dance and song.

REFERENCES

- ➢ Prof. N. Balakrishnan, Honarary Professor in Supercomputer Education and Research Centre (SERC) Indian Institute of Science, Bangalore, (balki@serc.iisc.in), +91-80-23600325
- ➢ Dr. P Santhi Thilagam, HOD of CSE dept, (santhi@nitk.ac.in),0824- 2473404.
- ➢ Dr.R I Minu , Assistant Professor , CSE dept, (minu@jerusalemengg.ac.in), 9443529372.

PERSONAL PROFILE

Date of Birth   **:** 30/05/1993

Nationality   **:** India

Gender   **:** Female

Languages Known   **:** English & Hindi

Address   : Girls Hostel-4,NITK, Surathkal,

                                                  NH-66, Srinivas Nagar,

                                                  Mangalore Karnataka - 575025

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my Knowledge. I will make it my earnest endeavour to discharge competently and carefully the duties you may be pleased to entrust with me.

Date:24-07-2017
Place: Surathkal