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Gudimangalam, Udumalpet, Tamilnadu-642201

VANITHA.S-MCA.,M.Phil.,

I did my Master of Philosophy in Computer Science and specialization area is Data Mining. My research interest is in Medical Data Set Classification and having around five years of experience in the teaching profession.

Technical Skills

Microsoft Development Platform

- Visual Studio, SQL Server .

Development Languages

- C / C++ / ASP.net, Core Java.

Acedamic Project Experience

M.Phil   : Study and Analysis of Medical Data Classification Using Machine Learning Techniques.
Supervisor : Dr.P.Balamurugan,Assistant Professor,Department of Computer science,
Institution : Govt.Arts College,Coimbatore.

Technology
- MATLAB

Description

This research work Contains the classification process of understanding the machine learning techniques. The data sets are taken from the UCI Machine Learning Repository those are related to medical data sets. Various classification techniques are compared and found the best classification techniques for medical data set. The result of thesis work used to analyze the system performance from the machine learning techniques. This result also applied for the hospital scientist to select the best classification techniques for their medical data set classification.

MCA : WaterMarking Relational Databases Using Optimization Based Techniques.
Technology
- ASP.Net/SQL Server.

Description

Securing data from the hacker to avoid the ownership problem of the message which should be send using mail server and the security is provided by "WATERMARKING" concept and employing "Encryption and Decryption" concept and Optimization algorithm in this work.To overcome the ownership problem this project was developed by using various optimization techniques.By using this method the secret key is drawn by using the Encrypted data, and the original data are hidden by using the watermarking concept. So the human receiver can recognize the password from the encrypted data by using the

decryption concept and the owner of the data can extract the data by using this password , but a computer program cannot do above operation. By this method the user does not need to memorize any password for extracting the data.

Professional Experience

- ➤ Worked as an Assistant Professor in the Department of Computer Science,Michael Job College of Arts and Science for Women,Sulur,Coimbatore from 21.01.2011 to 31.05.2016   **(5 Years)**

- ➤ Worked as an Assistant Professor in the Department of Computer science, BCA,&(Bsc.IT),SSS College of arts and science , Ranipet,Vellore District. June 2017-December 2017.(6 Months)

LIST OF SUBJECTS HANDLED
- ➤ C++
- ➤ Data Structures
- ➤ System Software and Operating Systems
- ➤ Graphics and Multimedia
- ➤ Database Management Systems & RDBMS
- ➤ PHP

Achievements

- ➤ Produced 100% Result in Data Structures
- ➤ Produced 100% Result in RDBMS & ORACLE
- ➤ Produced 100% Result in C++ and all other handled subjects.
- ➤ Participated and Won the prize in Surprize Event in National Level Technical Symposium held at Kongu Engineering College, Erode.
- ➤ Participated in Technical Quiz at National Level Technical Symposium.
- ➤ First class in junior grade type writing (English).
- ➤ Representative of Bharat Scout and Guide at School Level.
- ➤ Member of YRC at UG Level

PROGRAM ORGANIZED
- ➤ Inter - Collegiate meet **"RENAISSANCE – 2K15"** held on 24th January 2015
- ➤ National Level Technical Symposium **"MASCAM"** held on 2010**.**

Highlights

- ● Adaptive to any situation
- ● Leadership Quality.
- ● Very friendly and confidently to accomplish my task
- ● Self-motivated and Drive to learn myself.

Conferences & Seminars

- ➤ **Organized State Level Seminar On "EMERGING TRENDS IN BIG DATA-SETBD'15" on 30th OCT 2015 in Michael Job College of Arts and Science For Women.**

- ➢ Participated in **NATIONAL LEVEL CONFERENCE ON COMPUTATIONAL INTELLIGENCE -2013** held at Sri Ramakrishna Mission Vidhyalaya College of Arts & Science, Coimbatore.

- ➢ Participated in **INTERNATIONAL SEMINAR ON "RESEARCH IN COMPUTERS: WHY? WHAT AND HOW?"** held at Bharathiar University Coimbatore on 11th March 2013.

- ➢ Published paper on " Medical Data Classification using SVM & Neural Network classifier – A study" in international journal of innovative research in science & engineering, Feb'17

- ➢ Presented paper on " Medical Data Classification using SVM & Neural Network classifier – A study" in international journal of innovative research in science & engineering held on 2nd & 3rd Feb'17 at Sri S.Ramasamy Naidu Memorial college, Sattur

Workshop

- ➢ Participated in " **National programme on Technology Enhanced Learning (NPTEL)** organized by IIT Madras -2013.
- ➢ Attended a Two day Workshop on "Fundamentals of Data Analysis and Analytics'on 12th & 13th FEB 2016 in PSGi Tech, Coimbatore.

Education

Master of Philosophy in Computer Science--(PT) **Govt .Arts College,** **Coimbatore,Tamil Nadu , India.**	**(56.00%)**	**2014**
Master of Computer Applications--(FT) **Sri Ramakrishna Institute of Technology,** **Anna university**- Coimbatore, Tamil Nadu, India.	**(83.40%)**	**2010**
Bachelor of Commerce with Computer Applications -(FT) Sri GVG Visalakshi College for Women,Udumalpet. **Bharathiar University**- Coimbatore, Tamil Nadu, India.	**(69.00%)**	**2007**
Higher Secondary (H.Sec) Sri Visalakshi Girls Higher Secondary School, **Udumalpet,TamilNadu,India.**	**(74.33%)**	**2004**
X std (S.S.L.C) Sri Visalakshi Girls Higher Secondary School,	**(63.05 %)**	**2002**

Personal Profile

Name	:	S.Vanitha
Date of Birth	:	24/06/1987
Father's Name	:	Mr.T.Soundhararajan(Late)
Mother's Name	:	Mrs.S.Rajalakshmi
Husband Name	:	Mr.S.VijayaKumar
Nationality	:	Indian
Martial Status	:	Married
Languages Known	:	English, Tamil,Telugu
Residential Address	:	Moonghilthooru thottam, Varatharajapuram,Gudimangalam (Po), Udumalpet(tk)- 642201, Tamilnadu, INDIA

References

Dr.P.Balamurugan,M.Sc.,M.Phil.,Ph.D   (+91-9790335004)
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Department of Computer Science,
Government Arts College, Coimbatore.

Dr.LaliThomas, M.Sc., Ph.D.,(+91-9994361833)
Principal,
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Sulur,Coimbatore,TamilNadu,India.