SHAMPA KUNDU

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Work History

Education

M.Sc 2014 - 2016

Barrackpore Rastraguru Surrendranath College

First semester with SGPA Marks-6.88
Second semester with SGPA Marks-7.62
Third semester with SGPA Marks-7.63
Fourth semester with SGPA Marks-7.98

Final M.sc CGPA Marks-7.52 ,percentage -76.91%

B.Sc 2011 - 2014

West Bengal State University

Percentage-63.87%

HS 2010 - 2011

Nabapally jogendranath Balika Vidyamandir

Percentage-55.2%

Madyamik May 2008 - May 2009

Barasat Girls High School

Percentage-66.125%

Skills

Programming Languages : C, C++ Data Base : Oracle 9i, Oracle 10g, SQL,pl/sql Web
programming: HTML,java script ,Asp.net Operating System : Windows XP, Windows
7
,Unix-Ubuntu, Fedora. Others : Ms Office, Intranet and internet

Interest

Well versed with **C, C++, Oracle 9i, oracle 10g,SQL ,Html, java script ,Asp.net,pl/sql**
Believes in continuous learning and possesses an innovative approach.
Possess analytical thinking and innovation & problem solving ability.
A quick learner with the ability to work under pressure and meet deadlines

Academic Project

Name of the Project: Steganography on gray scale Image
Technology: C language and Unix operating system
Role: Played a vital role in developing coding and application logic.
Brief Summary: Steganography is the art of hiding data in a seemingly innocuous cover medium. **For Example** – any sensitive data can be hidden inside a digital image. Steganography provides better security than cryptography because cryptography hides the contents of the message but not the existence of the message. So no one apart from the authorized sender and receiver will be aware of the existence of the secret data. Steganographic messages are olen first encrypted by some traditional means and then a cover image is modified in some way to contain the encrypted message. The detection of steganographically encoded packages is called steganalysis. In this paper, we propose an efficient Steganography technique that is used for hiding secret messages into an image. They are LSB based Steganography, Steganography using the last two significant bits and Steganography using diagonal pixels of the image

Name of the Project:Airline reservation system
Technology: Asp.net as front end, sql server as back end Brief Summary:
Role: Played a vital role in developing coding, design and application logic.
Brief Summary: Airline Reservation System contains the details about flight schedules and its fare tariJs, passenger reservations and ticket records. An airline's inventory contains all flights with their available seats. The inventory of an airline service is generally divided into three categories of classes (e.g. First, Business or Economy class) and each category is having seats up to 26 bookings, along with prices and booking conditions. Inventory data is imported and maintained through a Schedule Distribution System over standardized nterfaces. One of the core functions of the inventory management of airline reservations is the inventory control. Inventory control
steers how many seats are available for the diJerent booking classes, by opening and closing individual booking classes for sale. In combination with the fares and booking conditions stored in the Fare Quote System the price for each sold seat is determined. The Proposed system ensures the complete freedom for users, where user at his own system can logon to this website and can book his ticket. Our proposed system allows only registered users to book the tickets, view timings and cancel their tickets. In this Proposal the entire work is done on online and ticket with id is also provided for passengers as a print document. Here passengers can send their queries and suggestions through a feedback form.

Name of the PPR:AN EFFICIENT FPGA IMPLEMENTATION TO DENOISE THREE DIMENSIONAL IMAGES USING FAST APPROXIMATION OF BILATERAL FILTER
Technology: MATLAB,XILINX
Role: Played a vital role in developing coding, design

Abstract: Bilateral Filter is an efficient nonlinear filtering technique that smoothes the images keeping the edges preserved from getting blurred. There are some situations where bilateral filter does not give desired result. To achieve high performance, a fast version of bilateral filter is proposed, known as Fast Bilateral Filter. In this paper, we propose a new idea of Fast Bilateral Filtering for three dimensional image database. In our technique, a new interpretation of the Fast Bilateral filter on three dimensional images is represented, as a higher dimensional convolution using downsampling in space and intensity where the signal intensity is added to the original domain dimensions . We have also implemented an efficient FPGA design of our approach. Our implementation gives better noise reduction and improves the image quality.

Personal Dossier

Date of Birth : 02/12/1992
Linguistic Proficiency :Bengali, English, Hindi
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