Shijo George

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About me

Graduated from Don Bosco College of Engineering and Technology. Passionate about new gadgets and innovations. A Blogger, Programmer and having keen interest in learning new skills in Computer Science.

Projects

QoS(Quality of Service) aware scheduling heterogenous datacenter with Bosco Cloud
Jul '15 - May '16

Mr. Thoudam Johnson Singh, M.Tech

Based on open source cloud OS called **Openstack**. A Private cloud named as Bosco cloud is deployed as **IaaS** with an heterogenous scheduling algorithm. This project is completed under Assam Don Bosco University.

Enterprise Network Management
Jun '15

HP Pune

Summer Internship by HP India. Worked on a group project of **Enterprise Network Management** where different network devices like Routers, Switches etc. are configured and managed based on certain TCP/IP protocols.

Prevention and Detection of Packets using Honeyd
Feb '15 - Apr '15

Mr. Rupam Kumar Sarma, MCA, (Pursuing Ph.D)

Based on open source commaand line tool called **Honeyd**, an IDS which captures Packets, unauthorised services and access into a log file. It traces the MAC and the IP of the Victim.

Wireless moving Robot
Mar '15

Technophilia Systems, IIT Guwahati.

Developed a Wireless moving Robot using Embedded C. The bot works with two motors inserted in its wheel and coupled with a Aurdino kit. Controller was based on RF-Bluetooth Module which is integrated with a Android Application.

Development of a Text Editor
Jan '15 - Jun '15

Mr. Arup Baruah. M.Tech, (Pursuing Ph.D)

A Simple Text Editor, GUI based which performs basic operations like save, open, cut, copy and paste. It was implemented as a Mini Project in IT fundamentals and learn more about C++. It was developed under **QT SDK.**

Entry-Exit Record System
Aug '14 - Nov '14

Ms. Usha Mary Sharma, MCA, (M.Tech)

A Standalone Application to record the Visitor's Entry-Exit as well as the Hostellers in Assam Don Bosco University using local Intranet.   HTML, CSS, PHP & MYSQL were the languages used to build the System for full Functionality.

Training cum Workshop

National Workshop on GPU Programming and Applications   (2014)

Indian Institute of Technology, Guwahati

CUDA Center of Excellence, IIT Bombay, CDAC, Pune, and NVIDIA Corporation, USA. Advanced GPU programming using Multi Threading Technique and introduction to new NVIDIA 192 CUDA-core Tegra k1.

Big Data and Hadoop   (2014)

Indian Institute of Technology, Guwahati

Technophilia Systems in association with Robotics and Computer Applications, USA. Introduced to various tools of Hadoop and Hands on Map Reduce.

Cyber Forensics & Information Security (Level 1.0)   (2013)

Tezpur University

Tezpur University in collaboration with eCell, IIT Bombay and TechDefence. Various Pen-testing Tools were introduced with Case Study and demo SQL Injection attacks and more.

Android Development   (2014)

Indian Institute of Technology, Guwahati

IIT, Guwahati in association with Bytecode Cyber Security. Various Pen-testing Tools were introduced with Case Study and demo SQL Injection attacks and more.

National Level Workshop on Web Application Development (2014)

School of Technology, Assam Don Bosco University

Organized by Department of CSE and IT, School of Technology, Assam Don Bosco University, in collaboration with CMC Academy, Ulubari, Guwahati, Assam. Web Development using HTML, CSS , PHP, JavaScript and many more applications are discussed from basics.

Data Collection Camp for Perception based Decision Support System for Automatic Handwriting Behaviour analysis for Detecting Deception (2014)

Criminal Investigation Department, Assam Police

Organized by "Centre for Development of Advanced Computing", Department of Electronics and Information Technology (DeitY), Ministry of Communications & Information Technology (MCIT).

Education

B.Tech   Jun '12 - Jun '16
School Of Technology (Assam Don Bosco University, Guwahati)
Percentage/CGPA : 64/6.9

HSSLC (Class 12)   Jun '09 - Mar '11
Christ Jyoti College

Percentage : 62%

HSLC (Class 10) Mar '09
Little Flower School
Percentage : 62%

Achievements

The Data Scientist's Toolbox 2017
Johns Hopkins University

This course gives an overview of the data, questions, and tools that data analysts and data scientists work with. There are two components to this course. The first is a conceptual introduction to the ideas behind turning data into actionable knowledge.

Techgig Code Wizard 2015 : Coding Competition 2015
Times Business Solutions(A Division of Times Internet Limited)

Semifinalist in Code Wizards 2015, the biggest tech contest designed to identify the best programmers and tech enthusiasts Students across India.

HP Network Security 2015
HP Pune Internship

Summer Internship by HP India. Worked on a group project of **Enterprise Network Management** where different network devices like Routers, Switches etc. are configured and managed based on certain TCP/IP protocols.

CodeUncode : National Level Secure Programming Competition 2014
International Council of Electronic Commerce Consultants (EC-Council).

Semifinalist in CodeUncode, a national level secure programming competition conducted by International Council of Electronic Commerce Consultants (EC-Council).

Kryptocism : Prajyukttam 2013
Assam Don Bosco University

Won second prize in Kryptocism, Coding competition in Prajyukttam, annual technical festival, Assam Don Bosco University.

Skills

Procedural Language : C

Object-Oriented Programming : C++

Declarative Programming : SQL

Scripting Language : PHP, Linux Shell

Web Application : HTML, CSS.

Software Tools : Cisco Packet Tracer, Wireshark, IBM Rational Architect, Microsoft-Word, Opencart, Openstack

Operating Systems : Windows 7, Ubuntu 14.04, Ubuntu server 14.04.

Networking Devices : Routers, Switches

Declaration

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

Regards

Shijo George