

Debashis Barman

Curriculum Vitae

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EXPERIENCE / WORK

HCL Technologies 2017-2016
Managed Service Provider

EDUCATION / QUALIFICATION

B. Tech., Computer Science and Engineering 2012-2016
School of Technology, Assam Don Bosco University, CGPA 6.79/10

Higher Secondary (12th Standard), Science Stream 2010-2012
Tihu College, Assam Higher Secondary Educational Council, First Division with 72%

High School (10th Standard) 2010
Jatiya Vidyalaya, Tihu, Secondary Education Board of Assam, First Division with 87.1%

PUBLICATION / PEER REVIEWED PAPER

A Study on Human Activity Recognition From Video 2016
Published in the proceedings of **10th INDIACom : 3rd 2016 International Conference on Computing for Global Sustainable Development**, ISSN 0973-7529; ISBN 978-93-80544-20-5, BVICAM, Delhi

PROJECTS / ACADEMIC & NON ACADEMIC

Abnormal Human Activity Detection Through Video Surveillance, Major Project 2015-2016
Objective : To detect crime scene through video surveillance.
Duration : 1 Year
Guide : Dr. Yumnam Jayanta Singh
Technology : C++ & OpenCV

Random Security Code Generation, Minor Project (Phase II) 2015
Objective : To provide a mechanism to generate **Manipulation Detection Code** using **Cryptographic Hash Function** that can be applied to ensure data integrity.
Duration : 6 Months

Guide : Dr. Yumnam Jayanta Singh

Technology : C

PhD. Scholars' Activity Management, Minor Project (Phase I)

2014

Objective : To develop a database based web application to manage the academic activities of the PhD. scholars in Assam Don Bosco University

Duration : 6 Months

Guide : Dr. Yumnam Jayanta Singh

Technology : PHP, MySQL, HTML & CSS

Design of a 32 bit Multi-tasking Kernel, Hobby Project

2016

Objective : To develop a 32 bit multi-tasking kernel for i386 machines

Duration : 1 Year

Technology : C & Assembly

SERVICES / FREELANCE ACTIVITIES

- ◆ Kathamo 5.0.0, CSS Framework, (kathamo.github.io)
- ◆ Knowledge Exchange Network, Website, (kenmanipur.org)
- ◆ Dr. Y. Jayanta Singh, Website, (yjayantasingh.in)
- ◆ Dr. Surajit Barman, Website, (surajitbarman.in)
- ◆ Prajyukttam 2015, Website, (prajyukttam.dbu.edu)
- ◆ Prajyukttam 2015, Android App, (Available on Google Play)
- ◆ North Kamrup College, Website, (northkamrupcollege.in)

CONFERENCES & SYMPOSIUM

10th INDIACom : 3rd 2016 International Conference on Computing for Global Sustainable Development, BVICAM, Delhi

2016

A Symposium on E-Vision for Digital India, Department of Electronics and Communication Technology, School of Technology, Assam Don Bosco University

2015

INVITED TALKS & WORKSHOPS

Workshop on Basics of Kernel Programming, Coding Club, Department of CSE and IT, School of Technology, Assam Don Bosco University

2016

Session on Graphics Programming in C, Coding Club, Department of CSE and IT, School of Technology, Assam Don Bosco University

2015

AWARDS & HONORS

- ◆ **2015 : Second Prize, Oral Presentation, A Symposia on E-Vision for Digital India**, Department of Electronics and Communication Technology, School of Technology, Assam Don Bosco University
- ◆ **2015 : Second Prize, Design Createor, Prajyukttam 2015**, Prajyukttam, Assam Don Bosco University
- ◆ **2015 : Second Prize, Riddle Snipper, Prajyukttam 2015**, Prajyukttam, Assam Don Bosco University
- ◆ **2015 : First Prize, Science and Engineering Fair 2015**, Regional Science Center, Guwahati, NCSM, Ministry of Culture, Government of India
- ◆ **2014 : Semi Finalist, CodeUnicode 2014 : National Level Secure Programming Competition**, International Council of Electronics Commerce Consultants (EC-Council)
- ◆ **2014 : First Prize, Creator Pienio, Prajyukttam 2014**, Prajyukttam, Assam Don Bosco University
- ◆ **2014 : Second Prize, Geek's Arena, Prajyukttam 2014**, Prajyukttam, Assam Don Bosco University
- ◆ **2014 : Second Prize, Web D Page, Prajyukttam 2014**, Prajyukttam, Assam Don Bosco University
- ◆ **2010 : Anundoram Borooh Award**, Government of Assam
- ◆ **2008 : Chemistry Olympiad 2008**, Department Of Chemistry, Guwahati University

PROFICIENCY / SKILLS

- ◆ **Programming Languages** : C, C++, Java, Android, Assembly, Shell, Python
- ◆ **Web Technologies** : HTML, XML, CSS, SASS, Bootstrap, Google MDL, Javascript, jQuery, Markdown, PHP, Node.js
- ◆ **Operating Systems** : Linux (Ubuntu / Fedora / Debian), Windows 7 / Windows XP
- ◆ **Databases** : SQL, MySQL, MongoDB
- ◆ **Softwares / Tools** : LibreOffice, Microsoft Office, Android Studio, Eclipse, Bluefish, Git, Gimp, PhPMYAdmin, Jekyll

INTERNSHIP / TRAINING

- ◆ **2015 : Education and Research Network (ERNET), India**
Summer Training
- ◆ **2014 : National Level Workshop cum Summer Internship on Web Application Development**, Department of CSE and IT, School of Technology, Assam Don Bosco University, Summer Training

EXTRA CURRICULAR ACTIVITIES / RESPONSIBILITIES

- ◆ **2014 : Vice Pesident, Web Designing Club**, Assam Don Bosco University
- ◆ **2014 : Vice President, Dramatics Club**, Assam Don Bosco University
- ◆ **2014 : Vice President, Rangayan Inter College Drama Competition Organizing Committee**, Assam Don Bosco University

REFERENCES

Dr. Yumnam Jayanta Singh

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Kolkata, West Bengal, 700032

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(Last updated on March 6th, 2017)