

# Debashis Barman

## Curriculum Vitae

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### EDUCATION / QUALIFICATION

<b>B. Tech., Computer Science and Engineering</b>	2012-2016
School of Technology, Assam Don Bosco University, CGPA 6.83/10	
<b>Higher Secondary (12<sup>th</sup> Standard), Science Stream</b>	2010-2012
Tihu College, Assam Higher Secondary Educational Council, First Division with 72%	
<b>High School (10<sup>th</sup> Standard)</b>	2010
Jatiya Vidyalaya, Tihu, Secondary Education Board of Assam, First Division with 87.1%	

### PUBLICATION / PEER REVIEWED PAPER

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

### PROJECTS / ACADEMIC & NON ACADEMIC

<b>Abnormal Human Activity Detection Through Video Surveillance</b> , Major Project	2015-2016
<b>Objective :</b> To detect crime scene through video surveillance.	
<b>Duration :</b> 1 Year	
<b>Guide :</b> Dr. Yumnam Jayanta Singh	
<b>Technology :</b> C++ & OpenCV	
<b>Random Security Code Generation</b> , Minor Project (Phase II)	2015
<b>Objective :</b> To provide a mechanism to generate <b>Manipulation Detection Code</b> using <b>Cryptographic Hash Function</b> that can be applied to ensure data integrity.	
<b>Duration :</b> 6 Months	
<b>Guide :</b> Dr. Yumnam Jayanta Singh	
<b>Technology :</b> C	
<b>PhD. Scholars' Activity Management</b> , Minor Project (Phase I)	2014
<b>Objective :</b> 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, (yjyantasingh.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)**  
(kenmanipur.org)

#### **CONFERENCES & SYMPOSIUM**

**10<sup>th</sup> 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 Borooah 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**  
Associate Professor and HoD,

**Mr. Dilip Kumar Barman**  
Additional Director, ERNET India

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