

DEBASHIS BARMAN

6th Cross, AGB Layout, 1st Stage, Jalahalli West, Bengaluru, Karnataka, India, 560057

+91-88-763-42995 [◇ hello@debashisbarman.in](mailto:hello@debashisbarman.in) [◇ debashisbarman.in](http://debashisbarman.in)

EDUCATION

Post Graduate Diploma in Computer Science and Applicaton Institute of Youth Development and Education (IYDE), Tihu, Assam, India	August 2016 - July 2017
Bachelor of Technology in Computer Science and Engineering Assam Don Bosco University (ADBU), Guwahati, Assam, India	August 2012 - July 2016

SKILLS (PROGRAMMING & SOFTWARE)

Programming Languages	C, C++, Java, Bash, Assembly (i386)
Web Technologies	HTML, CSS, Javascript / ES6, SASS, Bootstrap, React, Redux, Node.js, Express, REST, GraphQL
Databases	MySQL, PostgreSQL, MongoDB
Mobile Technologies	Android, React Native
Tools & IDE	Git, NPM, Webpack, Electron, Atom, Nuclide, Android Studio

RESEARCH PUBLICATION

Debashis Barman and Usha Mary Sharma. "A study on human activity recognition from video." Computing for Sustainable Global Development (INDIACom), 2016 3rd International Conference on. IEEE, March 2016.

ACADEMIC PROJECTS

Abnormal Human Activity Detection Through Video Surveillance August 2015 - June 2016
Supervisor: Prof. Y. Jayanta Singh *Major Project*

- A Linux application to detect crime scene through video surveillance
- Developed in C++ and OpenCV
- [Github Link](#)

Random Security Code Generation January 2015 - July 2015
Supervisor: Prof. Y. Jayanta Singh *Minor Project*

- A Linux application developed in C for generating *Manipulation Detection Code* using Cryptographic Hash Function to ensure data integrity
- Recieved Second Prize in Oral Presentation in *A Symposium on E-Vision for Digital India*, ADBU

PhD. Scholars' Activity Management August 2014 - December 2014
Supervisor: Prof. Y. Jayanta Singh *Minor Project*

- A database based web application to manage the academic activities of the PhD. scholars in ADBU
- Developed in HTML, CSS, Javascript, PHP, MySQL

NON ACADEMIC PROJECTS

Design of a 32 bit Multi-tasking Kernel August 2015 - June 2016
Technology: C, Assembly (i386) *Hobby Project*

- An educational kernel with monolithic design and clean implementation for i386 machines
- Entire kernel was written from scratch in C and Assembly (i386)
- [Github Link](#)

Artificially Intelligent Twitter Bot in Node.js

November 2015

Technology: Node.js, Twitter API

Hobby Project

- An artificially intelligent Twitter bot developed in Node.js using Twitter API
- Featured in [SDTimes](#), [Engho](#) and [Libraries.io](#)
- Earned appreciation from *Official Node.js Twitter handle* ([Link](#)) and a large number of users in [Medium](#)
- [Github Link](#) and [Live version](#)

Anonymous Online Chat using Web Socket

August 2015

Technology: Node.js, Socket.io

Hobby Project

- An online anonymous chatting application using Web Socket
- Deployed in [Heroku](#), *cloud application platform*

Prajyuktam 2015 Android App

September 2015

Technology: Android, XML

Android App

- Official Android App for Prajyuktam 2015, ADBU
- Published on [Google Play](#)

INTERNSHIP & TRAINING

Summer Internship

Education and Research Network (ERNET), New Delhi

June 2015

National Level Workshop cum Summer Internship on Web Application Development

Dept. of CSE & IT, School of Technology, ADBU

June 2014

WORKSHOP & INVITED TALK

Workshop on Basics of Kernel Programming organized by Coding Club, Dept. of CSE & IT, School of Technology, ADBU

Session on Graphics Programming in C organized by Coding Club, Dept. of CSE & IT, School of Technology, ADBU

PROFESSIONAL EXPERIENCE

Redloop Technologies Pvt. Ltd.

October 2017 - Present

Full Stack JavaScript Developer

Currently working as a Full Stack JavaScript Developer in a development studio in Bengaluru that largely focuses on creating Web and Mobile apps using Node.js, React and React Native.

OTHER EXPERIENCE

Tutor in Swastyayan, ADBU

Participated as Tutor in *"Swastyayan : a Commitment"*, voluntary tutoring project implemented by ADBU.

AWARDS & ACHIEVEMENTS

Awarded 1st Prize, **Science and Engineering Fair 2015**, Regional Science Center, Guwahati, NCSM, Ministry of Culture, Government of India

Secured 2nd Prize, Oral Presentation, **A Symposia on E-Vision for Digital India**, 2015, ADBU

Secured 2nd Prize, Design Creator, **Prajyuktam 2015**, ADBU

Secured 2nd Prize, Riddle Snipper, **Prajyuktam 2015**, ADBU

Semi Finalist, **CodeUnicode 2014 : National Level Secure Programming Competition**, International Council of Electronics Commerce Consultants (EC-Council)

Secured 1st Prize, Creator Pienio, **Prajyukttam 2014**, ADBU

Secured 2nd Prize, **Geek's Arena, Prajyukttam 2014**, ADBU

Secured 2nd Prize, **Web D Page, Prajyukttam 2014**, ADBU

Awarded **Anundoram Borooah Award**, Government of Assam

Chemistry Olympiad 2008, Department Of Chemistry, Guwahati University

REFERENCES

Dr. Y. Jayanta Singh

Director, NEILIT, Kolkata

Jadavpur University Campus Area, Jadavpur

Kolkata, West Bengal, 700032

+91-94-353-21669

yjayanta@gmail.com

Mr. Dilip Kumar Barman

Director, ERNET India

Electronics Niketan, 6 CGO Complex

Loadhi Road, New Delhi, 3

+91-11-221-70574

barman@eis.ernet.in

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