Hridoy Sankar Dutta

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LINKS	**Website:** https://hridaydutta123.github.io

Website: https://hridaydutta123.github.io
Github: https://github.com/hridaydutta123/
DBLP: http://dblp.uni-trier.de/pers/hd/d/Dutta:Hridoy_Sankar
Google Scholar: https://scholar.google.co.in/citations?user=4UrQjwUAAAAJ&hl=en
Hackerearth: https://www.hackerearth.com/@hridaydutta123
LinkedIn: https://www.linkedin.com/in/hridoy-sankar-dutta-18448a63/?ppe=1

EDUCATION

M.Tech in Computer Science and Engineering 2015 - 2017
National Institute of Technology Durgapur, West Bengal, India
- CGPA of **9.15**/10 (May 2017)

B.Tech in Computer Science and Engineering 2009 - 2013
Institute of Science and Technology, Gauhati University, Assam, India
- CGPA of **9.17**/10 (May 2013)

High School - Shrimanta Shankar Academy, Guwahati (CBSE) - **82.80%** 2007 - 2009
Secondary School - Hindustani Kendriya Vidyalaya (CBSE) - **81.00%** 2000 - 2007

JOB EXPERIENCE

Assistant Project Engineer, IIT Guwahati Aug, 2014 - Apr, 2015
Developing Text to Speech System in Assamese Language Phase II.

OTHER EXPERIENCES

Summer Research Intern in DISARM Group, NIT Durgapur
Mentored by Dr. Subrata Nandi, Dept. of CSE, NIT Durgapur May, 2016 - July, 2016
Developed web application Admin Dashboard for Master Control Station at the time of disaster. Django, a python web framework was used to develop the application.

Winter Research Intern in DISARM Group, NIT Durgapur
Mentored by Dr. Subrata Nandi, Dept. of CSE, NIT Durgapur Dec, 2015 - Jan, 2016
Developed an Oppurtunistic Network for Android Application.

Project Intern, IIT Guwahati
Mentored by Dr. Sushanta Karmakar, Dept. of CSE, IIT Guwahati Jan, 2013 - June, 2013
Worked on the Research Topic "Hierarchical topology adaptation for distributed convergecast applications"

Summer Trainee, NEEPCO
Mentored by Subhash Kalita, Manager(System) June, 2012 - July, 2012
Developed a e-File Sharing System among the users of the organization. PHP language was used to develop the application.

Summer Trainee, AMTRON
Mentored by SD & P Divn., AEDC Ltd. June, 2011 - July, 2011
MS Access Form Management.

TECHNICAL SKILLS

Strongest Areas - Data Structures, Databases, Algorithms, Web Technology
Languages - Java, Python, PHP, C++, UNIX Shell, HTML, CSS, JS, Ajax, Perl, Responsive Design
Frameworks - Django, Flask, Phonegap
Tools - Git, Android Studio, Adobe Photoshop, JUnit, LaTeX
Databases - MySQL, SQLite

PUBLICATIONS	• Partha Sarathi Paul, **Hridoy Sankar Dutta**, Bishakh Chandra Ghosh, Krishnandu Hazra, Sandip Chakraborty, Sujoy Saha, Subrata Nandi, "Offline crisis mapping by opportunistic dissemination of crisis data after large-scale disasters", Proceedings of the Second ACM SIGSPATIAL International Workshop on the Use of GIS in Emergency Management.
	• Sandip Chakraborty, Suchetana Chakraborty, Sushanta Karmakar, **Hridoy Sankar Dutta**, "Hierarchical topology adaptation for distributed convergecast applications", Proceedings of the 29th Annual ACM Symposium on Applied Computing.

RELEVANT COURSES	Data Structures and Algorithms, Operating System, Unix Programming, Computer Networks, Databases, Automata Theory, Software Engineering

• **JAVA Programming Course, InfoConnect**   Aug, 2011 - Feb, 2012

SELECTED PROJECTS	All projects available on git : `https://www.github.com/hridaydutta123`

- **Opportunistic Network for Android Application** - Implementation of Communication Medium for Challenge Network Scenario. Opportunistic network offers many appealing application perspectives from local social-networking applications to supporting communications in remote areas or in disaster and emergency situations. Communication medium will automatically work as hotspot or wifi mode depending upon the environmental scenario.

- **Offline Master Control Station** - Implementation of reliable and effective data transfer from oppurtunistic network and tool for analyzing behaviour of data captured in Oppurtunistic Networks.

- **Designing TTS System in Assamese and Manipuri Languages** - It involves building systems for synthesizing natural speech in native Assamese and Manipuri tone from a given text and building user friendly GUIs for the common people.

- **MapDisarm** - Offline efficient transfer of OSM Map tiles among various devices without internet connectivity for gps based recovery in Oppurtunistic network.

- **e-File Sharing System** - Complete file management system for NEEPCO organization.

ACHIEVEMENTS AND AWARDS	• Grand Challenge Grade **A** winner where smart & embedded device innovators around the world vied for the top spot. Organised by International Symposium Embedded Devices, 2016 at IIT Patna.

- Came **1st Runners Up** in Startup Weekend, Kolkata (5-7th August, 2016).

- Media Coverage of our Group in a local daily: `http://aamarkatha.com/?p=1121#.WMzJSszEghE.whatsapp`

- Won **3rd Prize in Coding Competition** at Techniche 2012 (IIT Guwahati Technical Fest Coding Event).

- Rank of **3** in Master Of Technology.

- Rank of **7** in Bachelor Of Technology.

- Secured 10/10 SGPA in M.Tech(3rd & 4th Semester)

- Secured 10/10 SGPA in B.Tech(6th,7th & 8th Semester)

- GATE Qualified (2016) **Gate Score : 488 (AIR 4370)**

- GATE Qualified (2015) **Gate Score : 441 (AIR 6675)**

- Recipient of GATE Scholarship (2014) **Gate Score : 582 (AIR 2139)**

- Passed A level examination of National Cadet Crops (NCC).

- Winner of Counter Strike Gaming Competition at Technoshine 2015, Technoshine 2016, Aarohan 2017 and Rectasy 2017 held at NIT Durgapur.

HOBBIES	Handling Systems, Trying Open-Source Softwares

MORE	Please visit https://hridaydutta123.github.io