



Hriday Sankar Dutta

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LINKS

Website: <https://hridaydutta123.github.io>
Github: <https://github.com/hridaydutta123/>
DBLP: http://dblp.uni-trier.de/pers/hd/d/Dutta:Hriday_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/hriday-sankar-dutta-18448a63/?ppe=1>

EDUCATION

PhD in Computer Science and Engineering 2017 - Present
Indraprastha Institute of Information Technology Delhi (IIIT-D), India
• Supervisor: Dr. Tanmoy Chakraborty, Assistant Professor & Ramanujan Fellow, Indraprastha Institute of Information Technology Delhi (IIIT-D), India

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 May, 2016 - July, 2016
Mentored by Dr. Subrata Nandi, Dept. of CSE, NIT Durgapur
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 Dec, 2015 - Jan, 2016
Mentored by Dr. Subrata Nandi, Dept. of CSE, NIT Durgapur
Developed an Opportunistic Network for Android Application.

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

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

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

TECHNICAL SKILLS	<p>Strongest Areas - Data Structures, Databases, Algorithms, Web Technology</p> <p>Languages - Java, Python, PHP, C++, UNIX Shell, HTML, CSS, JS, Ajax, Perl, Responsive Design</p> <p>Frameworks - Django, Flask, Phonegap</p> <p>Tools - Git, Android Studio, Adobe Photoshop, JUnit, L^AT_EX</p> <p>Databases - MySQL, SQLite</p>
PUBLICATIONS	<ul style="list-style-type: none"> • Partha Sarathi Paul, Hriday 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, Hriday Sankar Dutta, “Hierarchical topology adaptation for distributed convergecast applications”, Proceedings of the 29th Annual ACM Symposium on Applied Computing.
RELEVANT COURSES	<p>Data Structures and Algorithms, Operating System, Unix Programming, Computer Networks, Databases, Automata Theory, Software Engineering</p> <ul style="list-style-type: none"> • JAVA Programming Course, InfoConnect Aug, 2011 - Feb, 2012
SELECTED PROJECTS	<p>All projects available on git : https://www.github.com/hridaydutta123</p> <ul style="list-style-type: none"> • 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 opportunistic network and tool for analyzing behaviour of data captured in Opportunistic 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 Opportunistic network. • e-File Sharing System - Complete file management system for NEEPCO organization.
ACHIEVEMENTS AND AWARDS	<ul style="list-style-type: none"> • 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>