Swarnadeep Chatterjee

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EDUCATION

IIIT HYDERABAD
M.Tech in CSIS
May 2018 | Hyderabad, Telengana
2016-2018
CGPA : 7.5 / 10.0

HERITAGE INSTITUTE OF TECHNOLOGY
B.Tech in IT
2010-2014| Kolkata, West Bengal
CGPA: 7.88 / 10.0

SRI AUROBINDO INSTITUTE OF EDUCATION
Kolkata, India
XII(ISC): 90 percent
X(ICSE): 88 percent

LINKS

LinkedIn:// **swarnadeepc**
Spoj:// **@xhakalaka**
Github:// **reallyoldturtle**

PROJECTS

MINOR
• Shell
• SQL Engine
• P2P Repo Server
• Data Analysis of Titanic DS (Kaggle Project)
• Zestimate (Kaggle Project)
• Design of lightweight security protocols in Vehicular Adhoc Networks

WORK EXPERIENCE

CAPGEMINI | Senior Software Engineer
July 2014 - July 2016 | Kolkata
- Development of an application platform based on serverless architecture.
- An application platform where developers can easily deploy micro services which can be accessed from various application such as Android App, Web App, IOT devices, via an API only. The whole platform is based on Serverless Architecture.

DELL R&D | Software Engineer 2
July 2018 onwards | Bangalore
- Development and deployment of REST APIs and microservices on cloud platform to facilitate several modules and departments of Dell products.

PROJECTS

MINESWEEPER SOLVER 2017
Minesweeper, a puzzle game that requires spatial awareness and an ability to solve and work with incomplete information. Training a minesweeper solver using various concepts and models of Machine learning.

IDENTIFICATION AND CLASSIFICATION KEYPHRASES 2017
Extraction of relationship between two identified keyphrases from an unstructured text from scientific journals and publications.

JOKES GENERATION 2018
Humour Generation is a hard problem in natural language processing. We use the concepts of RNN, LSTMs and Attention mechanism to generate jokes.

HDFS 2017
Implementation of HDFS(Hadoop Distributed File System) and HDFS File Append. The Hadoop Distributed File System (HDFS) is the primary data storage system used by Hadoop applications. It employs a NameNode and DataNode architecture to implement a distributed file system that provides high-performance access to data across highly scalable Hadoop clusters.

DISTRIBUTED HASH TABLE- CHORD 2016
Chord, a scalable, distributed object location and routing substrate for wide-area peer-to peer applications. Chord performs application-level routing and object location in a potentially very large overlay network of nodes connected via the Internet. It automatically adapts to the arrival, departure and failure of nodes.

ACHIEVEMENTS

Runners Up at INTUIT 'Malware Detection' Hackathon.
Awarded by school for achieving more than 90 percent marks in 10+2 exam.
Got 'Project Star' award for exceptional work for Capgemini India Pvt Ltd.
Second Runner up in American Express Coding Contest.
Played football state level.