Jayanta Choudhury

M.Tech. Computer Science and
Engineering
B. Tech. Computer Science and
Engineering
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CAREER OBJECTIVE:

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

ACADEMIC CREDENTIALS:

M. Tech. CSE	Graphic Era (deemed to be University), Dehradun, Uttrakhand	2016-18	7.64/10 (76.4%)
B. Tech. CSE	University of Technology and Management, Shillong, Meghalaya	2012-16	2.91/4 (78.2%)
Class 12th	Amrita Vidyalayam , Durgapur (CBSE)	2012	62.25%
Class 10th	North Point Senior Secondary Boarding School, Kolkata (CBSE)	2010	7.6/10

INDUSTRIAL VISIT:

Industrial Visit: Duration- 01-02-2015 to 07-02-2015
Company/Organization-   Wipro and IBM, Kolkata
Learning- It was a very nice experience seeing what we are aspiring and realizing that it requires lot of effort and dedication to be one of them.

POJECTS:

Project-1:   Duration- 10-01-2015 to 20-05-2015
Place- University of Technology and Management
Project Title- Detection of breast cancer using data mining (WEKA)
Mentor Name- Miss. Jyotismita Talukdar, Assistant Prof. Computer Science, UTM, Shillong
Description- Project aims to collecting data sets for Breast Cancer patients, format data and analyze to present a conclusion in a graphical form.
Technology/Language- WEKA, Java
OS- Windows 7
Status- Complete

Project-2:   Duration- 10-01-2015 to 20-05-2015
Place- University of Technology and Management
Project Title- Railway Reservation System

Mentor Name- Miss. Jahnabi Borah, Assistant Prof. Computer Science, UTM, Shillong
Description- Project aims to creating a demo of online railway reservation portal.
Technology/Language- CSS, HTML, MySQL
OS- Windows 7
Status- Complete

Project-3:   Duration- 24-08-2014 to 04-12-2014
Place- University of Technology and Management
Project Title- Big Data analytics to detect heart attack
Mentor Name- Mrs. Bharathi Paleti, Assistant Prof. Computer Science, UTM, Shillong
Description- Project aims to collecting data sets for the symptoms of heart- attack that can be determined from fitness bands and predicting heart-attack occurrence using Hadoop
Technology/Language- Hadoop, Java
Status- Partial Complete

Project-4:   Duration- 02-07-2017 to 04-10-2017
Place- Graphic Era (deemed to be University)
Project Title- Sentiment Anslysis on Twitter data using Hadoop
Mentor Name- Prof. D.R.Gangodkar, (Dean)International Affairs Computer Science, Graphic Era (deemed to be University), Dehradun
Description- Project aims to collecting live Twitter data and finding out the Sentiments using Hadoop
Technology/Language- Hadoop(standalone mode), Java, Twitter authentication keys, Eclipse IDE(Oxygen)
OS- Windows 10
Status- Complete

Disertation-phase1:   Duration- 10-07-2017 to 20-12-2017
Place- Graphic Era (deemed to be University)
Title- Improving the Performance of Map-Reduce using Multi-core Processor
Sub-topic- Encode and Decode using Multi-core Processor
Mentor Name- Prof. D.R.Gangodkar, (Dean)International Affairs, Computer Science, Graphic Era (deemed to be University), Dehradun
Description- Dissertation phase1 aims to perform different encoding and decoding techniques on messages and observing the performance of the algorithms on CPU, GPU and CPU-GPU co-processing
Technology/Language- Anaconda3,Cloudera CDH5,Python,NVIDIA GEFORCE920M(GPU), Tensorflow cpu/gpu
OS- Centos 6.7
Status- Complete

Disertation-phase2:   Duration- 04-01-2018 to 30-06-2018
Place- Graphic Era (deemed to be University)

Title- Improving the Performance of Map-Reduce using Multi-core Processor
Sub-topic- Air Pollution Forcasting using Hadoop and Multi-core Processor
Mentor Name- Prof. D.R.Gangodkar, (Dean)International Affairs, Computer Science, Graphic Era (deemed to be University), Dehradun
Description- Dissertation phase2 aims to forcast air pollution using machine learning algorithms. To perform the computation on Hadoop. To accelerate the computation using multi-core processor
Technology/Language-Hadoop-2.6.5(multi-nodecluster)**,**Anaconda3,Tensorflow-gpu,NVIDIAGEFORCE 920M(GPU) Python(Pandas , Numpy ,Statsmodels ,scikit-learn ,Graphviz)
OS- Ubuntu 16.04 (LTS)

Experience:

Position – Software Development Intern   Duration: Jan-2019 to Feb-2019
Company – Telerad Tech

Position – ML Research Scientist   Duration: Feb-2019 to Feb-2019
Company – GradValley Data Science

Position – Consultant   Duration: Aug-2019 to Jan-2020
Company – Commercient

CO- CURRICULAR/ EXTRA-CURRICULAR ACTIVITIES:

- Participated in organizing Blood donation Camp held in UTM, Shillong.
- Participated in Personality Enhancement Program held in UTM, Shillong.
- Actively participated in NCC.
- Member of organizing team in Blood donation Camp held in UTM, Shillong.
- Participated in workshop on "Network Implementation and Security" at UTM campus on 28- 02-2014 to 01-02-2014 organized by Association for Computing Machinery- IIT Delhi and Network Bulls.
- Participated in Microsoft Saksham-IT Champion Program held in Graphic Era (deemed to be University).
- Presented research paper title: Sentiment Analysis of Twitter Data on Hadoop in ICCASP-2018, DBATU , Maharashtra, for publishing in Springer AISC series.
  Research paper tittled : Sentimental Analysis of Twitter Data on Hadoop.
  https://link.springer.com/book/10.1007%2F978-981-13-1513-8#toc

PERSONAL DETAILS:

- **Father's Name:** Mr. Tapan Choudhury
  Permanent Address: Puratan Bazar ,Katwa, pin:713130, dist: Burdwan , West Bengal, India
  Date of Birth: 26 September1994
  Language Known: English, Hindi, Bengali
  Marital Status: Single
  Gender: Male
  Interest & Hobbies: Football, Cricket, Volleyball, Table Tennis