

Chandan Saha

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EDUCATION

RUTGERS UNIVERSITY, NEW BRUNSWICK , NJ

MASTER'S IN BUSINESS AND SCIENCE

DATA SCIENCE AND ANALYTICS

May 2017(Expected) | GPA: 3.45/4

VIT UNIVERSITY

COMPUTER SCIENCE

April 2011 | Vellore, IN

GPA: 8.57/10

SKILLS

PROGRAMMING

Python • C++•Scala

DATA SCIENCE

Regression Analysis•Machine learning

Deep Learning

DATABASES

SQL • MongoDB • NoSQL

BIG DATA

Hadoop • Map/Reduce • Apache Spark

STATISTICAL TOOLS

R • Matlab• SAS

DATA VISUALIZATION

Tableau • ggplot2

JAVA SCRIPT

AngularJS • Backbone JS• D3.js

COURSEWORK

GRADUATE

Machine Learning

Applied Statistics

Regression Analysis

Fundamental of Analytics

Big Data and Cloud Computing

UNDERGRADUATE

Algorithm and Data structure

Artificial Intelligence

Advance Database Management

LINKS

Github:// Chandan

LinkedIn:// Chandan

Work Authorization

F1-Student

Relocation : Yes

EXPERIENCE

RESEARCH INTERN | JUNE 2016 - TODAY

Rutgers Discovery Informatics Institute | Rutgers University, New Brunswick , NJ

- Research work on **Graph analytics** on big memory machines . Clustering and optimization of large graph database using inter-dependencies between nodes in distributed graph processing framework and benchmarking of workload .
- Technology used: **Apache Spark** , Scala.

INTEL CORPORATION | SOFTWARE DEVELOPER & LEAD

April 2011 – July 2015

Enterprise Development Team

- Developed **responsive, large scale Enterprise applications** which enhanced productivity and user experience for various applications across Intel IT.
- Technology used: **SQL, C++, JavaScript(AngularJS)** , SAP .

INTEL CORPORATION | SOFTWARE DEVELOPER INTERN

September 2010 – April 2011

Sales and Marketing IT

- Developed and upgraded features of **Customer Relationship Management** application , a customer facing Web Application for Intel Warranted Products Issue resolutions.
- Technology used: **SAP , Java** , Adobe Flex.

PROJECTS

- Developed Real-time Traffic Sign Classifier for self-driving cars using **Convolutional Neural Network** using Python(Theano) .
- Developed document classification model to identify potential closed issues in Stack Overflow Questions using Natural Language Processing.
- Developed Yelp Restaurant image classification using convolutional neural network - **Kaggle competition**.
- Implemented **Predictive modeling** and analysis of global terrorism dataset using logistic regression. Classification of attack type based on Naïve Bayes, SVM and Random Forest classifiers in R.
- Constructed logistic regression pipeline to predict **Click Through Rate** on Kaggle competition data based in Apache Spark .
- Implemented **Web Spam Classification** with SVM and Naive Bayes Classifier in Matlab.
- Designed and implemented complex business changes events for forecasting inventory and logistic overhead for Intel customers to **reduce overhead cost by 5%**.

ACHIEVEMENTS

- Winner of the **Social Initiative Contest for cancer patients project** at Intel
- Winner of Code-A-Thon, a **Hackathon** organized by Intel Labs.
- Received **Asia Finance Divisional Recognition Award** for material handbook project to help Intel to mitigate significant risks to protect Intel's Duty Free Status in China.
- Received **Department Prestige award** for representation of paradigm shift resulting in substantial cost saving to Intel.
- **Teaching assistant** at Vellore Institute of Technology.