

Ankit Ranjan

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EDUCATION

UNIVERSITY OF ROCHESTER

MS IN DATA SCIENCE

Expected May 2017 | Rochester, NY

GPA: 3.92/4.0

PES INSTITUTE OF TECHNOLOGY

BE IN COMPUTER SCIENCE

Aug 2012- May 2016 | Bangalore, India

GPA: 8.78 / 10.0

INTERNSHIPS

INTUIT INC. | CO-OPS INTERN

MANAGER : SANKHADEEP BHATTACHARYA

Jan - June 2016 | Bangalore, India

- Made a web application and a separate widget to assist in internal workings of the company, primarily using NodeJS.
- Used batch programming to automate the workings of a tool that tracks daily progress of the work being done.

SUMMER INTERNSHIP | BIT MESRA, PATNA

ADVISOR : PROF ASHISH RANJAN

May - June 2014 | Patna, India

- Created a web application for assistance in filing of an RTI(Right to Information) form.
- Built an Android application that reads out text messages received by the user.

PROJECTS

ACTIVITY RECOGNITION USING HMM

COURSE PROJECT | PROBABILISTIC MODELS

This project focused on detection and analysis of the motor symptoms present in the Parkinson's (PD) and Huntington's (HD) disease individuals and segregate them from the normal cohort using Hidden Markov Model (HMM) based activity recognition.

SOCCER DATA ANALYSIS

COURSE PROJECT | DATA MINING

We worked on the European Soccer Database readily available on Kaggle, and also added some extra transfer data by scraping data off web. Apart from basic exploratory analysis, we tried to identify the type of players based on their attributes. An in-depth analysis on transfer trends was done too.

BUG DEFECT ANALYSIS

RESEARCH PROJECT | ADVISOR : PROF. SATYA SRINIVAS

The project focused on data analysis of Bug Defect data of Operations Manager, a system monitoring package manufactured by HP. We did exploratory analysis using WEKA and Excel to determine the modules with most defects, the developer who is assigned most bugs and any similar inferences that could be made from the data.

SKILLS

PROGRAMMING

Proficient :

Python • HTML • Java • MySQL

Familiar :

Matlab • R • PHP • Batch •

C • NodeJS • MongoDB

TOOLS

WEKA

COURSEWORK

GRADUATE

Data Mining

Introduction to Random Processes

Probabilistic Models

Comp Intro to Stats

Intermediate Statistical Methods *

Machine Learning *

Network Analytics *

*In Progress

UNDERGRADUATE

Fundamentals

Algorithms

Data Structures

Database Systems

Theory of Computations

Computer Networks

Math

Calculus

Linear Algebra

Discrete Maths

Systems

Operating Systems

Big Data

LINKS

Github:// [ankpotter](#)

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