Aniruddha Mukherjee

2508 Fields S dr apt. 102, Champaign IL 61822 ▪ (217) 419-7501 ▪ am31@illinois.edu

Personal Statement

I am a sincere and hard working person who has developed a creative mindset to solve analytical problems that are useful to business and research. As a student I am meticulous and am very eager to learn new skills and topics to enhance my abilities in problem solving. I work very well in a team, and can adapt to new settings and environments swiftly. I have already got involved in a research project on Information systems research along with a professor in the Gies College of Business. I have special interests in machine learning and use of data.

Education

University of Illinois Urbana-Champaign, IL

BS in Statistics and Computer Science Anticipated Graduation Date: May 2022

Minor in Business

Relevant Courses Taken

- Computer Science AP (Java programming with 4.0/5.0 in AP Exam)
- Discrete Structures
- Computer programs (Java / C++)
- Data Structures (C++)
- Computer Architecture (Verilog / C++)
- Intro to Statistics
- Theory of Probability

Programming Experience

- Java
- Python
- C/C++
- R
- Verilog

Research and Development

Analyst for Professor Ramanath Subramanyam, Information Systems, Gies College of Business, UIUC
***Summer 2019*-current**

- Analyzed large sets of data relating to carbon emissions
- Extensively done Natural language processing in Python using Gensim package.
- Extensively performed topic modeling and sentiment analysis.
- Topic model visualization using coherence measure and graphs.
- Organized data related to user inputs in carbon emission database and Google block chain database.

Thomas M. Siebel Center for Computer Science ***2018-current***

- Developed an enhanced version of Tetris
- Android app development in Java
- Used Naive Bayes classifier for machine learning
- Proficient in Json

Web page development ***2017-current***

- Developed and actively update webpages for my blog

  (***https://aniruddhamukherjeesite.wordpress.com/fifa-2018-world-cup/***)

Machine Learning based Soccer Prediction

- Machine learning based soccer prediction for Fifa World Cup 2018. Specifically I used Random Forest, Support Vector Machines and Neural Network for win classification.

  (***https://ubanalytics.wordpress.com/about-us/***)

Other Information

Hobbies

- I am an avid follower of soccer and closely follow English Premier League and La Liga, Spain.

Languages Spoken

- Bengali (Native Fluency)
- Hindi (Native Fluency)
- English (Native Fluency)
- Spanish (Fluent)