



Indraneil Bardhan

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PROFILE Information Science Graduate with well-developed skills in Big Data Analytics, Data Science and Software Development. Experienced in data exploration, preparation, transformation, visualization and extraction of actionable insights to deliver timely solutions to challenging problems. Motivated, hard-working individual with excellent oral and written communication skills.

EDUCATION AND TRAINING

University of Pittsburgh, Pittsburgh, PA

December 2016

- Master of Science in Information Science (Concentration in Big Data Analytics)
- GPA: 3.458

University of Pune, Pune, India

June 2015

- Bachelor of Engineering in Computer Engineering
 - GPA: First Class
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SKILLS Three plus years of experience in Data Science, with special emphasis on data mining, predictive modeling, information visualization and machine learning. Strong group work ethic, presentation skills, and work proficiency. Can program in a large variety of languages including:

- Python
- R
- MySQL
- Java
- C/C++
- Scala

Proficient with the following frameworks:

- Apache Hadoop
 - Apache Spark
 - D3js
 - Tableau
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PROFESSIONAL EXPERIENCE

Statistical Programming and Analysis Intern, Genentech Inc.

June - August 2016

- Evaluated and Analyzed the current Hadoop Implementation and diagnosed problems with the current implementation.
- Designed and Implemented an Experimental Hadoop Ecosystem using Apache Spark for the Statistical Programming and Analysis Department.
- Analyzed clinical data using conventional methods as well as using SparkR on the experimental Hadoop ecosystem and documented differences in the methodologies. Designed and Applied predictive models for binary classification using PySpark and SparkR in Databricks.
- Evaluated the feasibility of using a hadoop ecosystem for clinical trial data. Summarized and presented findings in an Intern Seminar.

IT Infrastructure Manager, University of Pittsburgh

April - December 2016

- Installed workstations for compatibility with Oculus Rift and HTC Vive VR development.
- Configured and deployed Windows 2012 R2 Servers, IIS and Unity Servers for VR development.

Research Associate, University of Pittsburgh

September - December 2016

- Responsible for data curation from various government sources like NHANES and BRFFS.
- Data recoding, cleaning and running quality checks. Exploratory data analysis and reporting/summarizing the findings.

Research Assistant, University of Pittsburgh

October - December 2016

- Worked with team members to design a web based application to demonstrate how major corporations are perceived on Social Media.
 - Responsible for the migration of Bash scripts to Python scripts for the web application.
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