**SHAUNAK OHRI**

845-545-6469, [so945@nyu.edu](mailto:so945@students.poly.edu)

**EDUCATION**

**New York University, NY** May 2015

Masters of Science in Electrical Engineering 3.5

**Thapar University, Patiala, India** July 2010

Bachelor of Engineering in Electronics Instrumentation & Control 3.7

**EXPERIENCE**

**NYU Langone Medical Centre, NY**

Data Analyst, Centre of Biomedical Imaging June 2014- May 15

* Performed established image processing techniques (converting imaging formats, performing preliminary measurements of lesions and volumes) across multiple modalities.
* Extracted data from several region of interest later, manipulate, explore data using quantitative, statistical and visualization tools (R and SPSS). Worked on project to classify epilepsy patients using MRI/PET data.
* Developed shell scripts to automate the data extraction process.

**IBM India Pvt Ltd, Pune, India**

Application Developer (Functional Team Lead/Data Analyst) July 2010-August 2013

* Supervised a team of 8 and aided with hiring, tutoring, mentoring and on-boarding process.
* Worked as a Data Analyst for corporate business development. Analysis of **data** in order to optimize profit for the CRM.
* Build customer relations by working as a Subject Matter Expert for approximately five projects; evaluated the information gathered from client and provided solutions for the same.
* Improved the quality of deliverables by suggesting and implementing shell scripts in the application.
* Created stored procedures in SQL and won accolades for process improvements for saving manual work.

**AREA OF SPECIALIZATION**

Machine Learning, R, Data Mining, Data Analytics, Probability and Statistics, RDBMS, shell scripting, Lean Management.

**TECHNICAL SKILLS**

**Software**s : MATLAB , R,SPSS, Siebel (Certified 8.0), Tableau

**Languages** : C , C++, Python, Unix, JavaScript

**Database Development** : MySQL, DB2, HIVE

**Quality Management**  : Six Sigma, Lean, 5S, Kaizen

**ACADEMIC PROJECTS**

**Statistical Analysis on MRI/PET Data** December 2014

* Compared dynamic SUV and cortical thickness between healthy controls and epilepsy patients using simultaneous PET/MRI
* Submitted an abstract for 2015 **SNMMI** (Society of Nuclear Medicine and Molecular Imaging) Annual Meeting.

**A Comparative study of Training Algorithm for Classification Techniques** December 2014

* Applied numerous classification techniques and analyzed them for their accuracy, robustness and speed.
* Conducted comparative study of some very well known classification algorithms like Decision Tree, Bayesian Network, Neural Network, K-nearest neighbors and Support Vector Machine.

**Data Analysis on USA Cancer Incidence Statistics (1999-2011)** October 2014- December 2014

* Analyze and infer statistical and non-statistical information by performing SQL operations and Regression technique on cancer incidence dataset and correlate these results to possible policy changes, demographic variations.

**ADDITIONAL INFORMATION**

* Awarded merit-based scholarship of $10,000 every year at NYU, based on the academic achievements.
* Participated and won various prizes for dramatics and also performed for National Theater and Arts Society.
* Active participation in Kaggle Competitions.