



CONTACT

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SKILLS

- Python
- R
- Machine Learning
- Data Analytics using MS Excel
- Tableau
- SQL
- DB2
- HTML
- Go Language

EDUCATION

Master's in Data Science

Feb 2020 - Present

San Jose State University

GPA : 4.0

Bachelor's in Computer Science

Aug 2008 - May 2012

Northeastern University

GPA :3.3

RICHARD MICHAEL

PYTHON DEVELOPER

SUMMARY

Seeking a position in a progressive and career-driven company that gives scope to enhance my knowledge, skills and to reach the pinnacle in the field of programming with dedication and hard work.

EXPERIENCE

Graduate Research Assistant May 2020 - Present
Saint Peter's University

- Consulted in devising the research on identifying the various factors that pertain to the fatality of covid-19.
- Built web scraping model that retrieves data and provides concise data file for analysis.
- Exercised the use of scipy and OLS package to perform regression modeling across the data.

Tools: Python-scipy.stats, pandas, sklearn, numpy, matplotlib, OLS

Graduate Research Assistant Feb 2020 - May 2020
Saint Peter's Assistant

- Collaborated with team members in developing model that optimizes customer relationship using Yelp dataset.
- Responsible in designing natural language processing model that performs Sentiment Analysis of textual data.
- Have utilized python package pandas for series data processing to clean the data, NLTK for data preprocessing and vader to identify the sentiments.
- Employed the use of spacy package in place of n-grams that yields better textual patterns.

Tools: Python pandas, NLTK, wordcloud, Spacy, numpy, textblob, collections, wordnetlemmatizer

Software Engineer Sep 2012 - Nov 2017
HSBC

- Have been committed to the development of Invoice Financing application (IFA) that provides financing options to customers and businesses.
- Achieved proficiency in AS400, CA plex and Control Language, a highly secure database.
- Employed during design and development phases in multiple projects under IFA.
- Have been involved in defect fixing, support and deployment phases of the projects.

Tools: CA Plex, AS400, RPGLE, CL400, DB2, RTC, Jira, Confluence