Vinothini Pushparaja

32 Glenwood Ave,
Jersey City, NJ, 07306
(551)-208-9119
vino2208@gmail.com
github.com/vpushparaja
linkedin.com/in/vpushparaja

EDUCATION

Saint Peter's University
Master of Science in Data Science
with Concentration in Business Analytics
Expected Graduation: May 2018
Overall GPA: 3.9

Anna University
Bachelors of Engineering in
Computer Science Engineering
June 2014, Overall GPA: 3.25

SKILLS SUMMARY

Languages:
R, Python (Scikit, Pandas, Numpy), Java 8, SAS and HTML
Databases:
PostgreSQL, SQL
Tools:
Git, Tableau, Jupyter Notebook
Microsoft Office [Word, Excel (Pivot Tables, VLookup), Powerpoint]

COURSEWORK

Statistical Programming, Data Visualization, Data Mining, Data Analysis, Machine Learning, Database & Data Warehousing, Big Data Analytics, Marketing Analytics, Predictive Analytics, Business Analytics.

ACTIVITIES

Coordinated Bootcamp on Python
Participated in Campus Ministry to serve others

AWARDS

Wipro Ltd. - Top Player of the team

PROFESSIONAL OBJECTIVE

To obtain a challenging position that will enable me to apply and utilize my problem-solving, programming, and analytical skills to make a strong contribution in Data Science.

EXPERIENCE

Wipro Ltd. March 2015 – June 2016
Software Engineer Bangalore, India

- Resolved and troubleshot issues escalated by customers and internal systems, identified, developed, implemented and deployed appropriate solutions to ensure system integrity.
- Single-handed served as translator for a diverse regional client-base to ensure optimum product knowledge.
- Developed a Python script to transfer regional data from the string file and collected in Excel sheets.

RESEARCH PROJECTS

Bag of Words Meets Bags of Popcorn Sept 2017 - Dec 2017

- For IMDB movie reviews, performed sentiment analysis for each review using Bag of Words model. Tools: Python, NLTK

Seattle Safe and Smart Parking January 2017 - May 2017
Solaria labs, Liberty Mutual, Boston MA

- Utilized Seattle crime and parking lot government data and predicted the safety of vehicles on the parking spots using Logistic Regression and Linear Discriminant Analysis model. Tools: R, R Shiny

Olympics Data from 1896 - 2008 January 2017 - May 2017

- Created Tableau Dashboard with interactive views, quick filters, & drill downs, to visualize medals obtained country wise.

Breast Cancer Wisconsin (Diagnostic) Sept 2016 - Dec 2016

- For breast cancer dataset, Linear Discriminant Analysis was modeled to classify malignant or benign breast tumors. Tools:R

Prediction of Cardiac Event September 2016 - December 2016

- Modeled a SVM and Logistic Regression for Heart disease dataset, which predicted probability of cardiac events. Tools: R