

Vinothini Pushparaja

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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
April 2014, Overall GPA: 3.25

SKILLS SUMMARY

PROGRAMMING

Over 5000 lines:

Java 8 • Python • Scikit
Pandas • Numpy • R

Over 1000 lines:

HTML • Shell • MySQL

Familiar:

C • C++ • Git • Tableau • SAS
Excel (Pivot Tables • VLookup)
AWS (S3 • EC2)

COURSEWORK

Big Data Analytics
Data Visualization
Data Mining
Data Analysis
Database & Data Warehousing
Machine Learning
Statistical Programming

ACTIVITIES / AWARDS

Participated in Campus Ministry,
prepared meals and served others.
Coordinated Bootcamp on Python.
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.

Software Engineer

March 2015 – June 2016

Bangalore, India

- Resolved and troubleshoot 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

Women in Data Science 2018 Datathon February 2018

Kaggle Competition

- Survey dataset was utilized predict the gender of each survey respondents. An accuracy of 95% was achieved using the Random Forest Classification Model. Tools: Python, Sklearn

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
- Utilized Google's Word2Vec which attempts to understand the meaning and semantic relationships among words.

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.