Lakshmi Kavya Ravi

Phone:	**(667)-345-3820**
Address:	**7925 Potter Place, Elkridge, Maryland, 21075**
Email:	**lravi1@umbc.edu**

Experience

DXC Technologies, Bangalore, India

AUG 2019 - AUG 2021

Associate Professional Programmer Analyst

- Created a full-stack application - DXC DIGI CAFE, an online food ordering platform between employees and Cafeteria stalls using MongoDB, Angular, SpringBoot. The Project got selected as one of the best five projects.
- Developer in an Insurance project and used Java, Angular, Spring, SQL, and Oracle Databases to create new features and enhancements.
- Done an Internship at CITS and worked on code refactoring.

BWTECH UMBC

FEB2022

Research Fellow

- Working as a Research fellow at BWTECH for technology-based start-up, RivueX. Where I am currently working with the front end using Angular.
- Analyzes data and creates models to contribute Insights to help in Business Strategy.

Education

Masters in Data Science

AUG2021 - MAY2023

University of Maryland Baltimore County

Bachelor of Engineering in Computer Science and Engineering

JULY 2015 - MAY 2019

Sathyabama University

Skills

Programming Languages: C, Java, Python, SQL.

Technologies/Cloud: AWS, Git, Docker, SonarQube, Sonarlint.

Data Science & Machine Learning: Numpy, TensorFlow, Pandas, Anaconda, Excel, Matplotlib, Google Collab.

Web Technologies: HTML, CSS, JavaScript, JQuery, Bootstrap, Angular8, SpringBoot.

Tools/Packages/IDE: MySQL, Eclipse, GITLAB, SVN, Maven, Visual Studio, Selenium, Flask, Django, Pycharm, Tableau, PowerBI.

Projects

Prediction of Breast Cancer using Machine Learning

Created an application that predicts Breast cancer using Machine Learning. Have implemented KNN, Random Forest, SVM algorithms to find the accuracy. Machine learning scheme that can infer the possible diseases given by the symptoms of health seekers. Published paper in IEEE in 2019 with the title "Breast Cancer Prediction via Machine Learning."

Exploratory Data Analysis on Various DataSets.

OCT2021

https://github.com/kavyaraavi/UMBC-Projects

1. Done the Analysis using python on the covid19 Vaccines dataset. Used different visualizations to display analysis and also investigated the data and summarize the key insights.
2. Analysed Accidents Data and predicted which is the best time to travel. Also used visualization to prove some of the hypotheses.
3. Used Multiple datasets to retrieve more information on Bikeshare Data. Used many different Visualizations to prove a few hypotheses.

Also Used Decision Trees to build a model and compared the performance of the model on both the training and testing data. The agenda behind building a model is to identify patterns in the data set.

Certifications/ Publications

DXC University

Java Course

Learned about spring boot, concepts of Java

Course Id: 0000053449

Python Course

Udemy

Credential ID: UC-9b7f2e63-e17b-49ca-b32c-98cbd054b140

Credential URL: https://www.udemy.com/certificate/UC-9b7f2e63-e17b-49ca-b32c-98cbd054b140/

Publications

MAY2019

- Prediction of Breast Cancer using Machine Learning published in IEEE journal.
- Presented a paper in ICOEI 2019 at SCAD College of engineering.