POOJA GAURAV

419 Summit Ave, Apartment 308 ¤ Arlington, Texas 76013 ¤ +1 4697671638¤

pooja.gaurav@mavs.uta.edu, https://www.linkedin.com/in/pooja-gaurav-9aa87967/

EDUCATION

Master of Computer Science   Expected May 2021
University of Texas, Arlington
Coursework: Machine Learning, Data Mining, Neural networks, Algorithms, Big Data, Data Analysis and Modelling Techniques

Bachelor of Technology, Information Technology   Jul 2008 – May 2012
College of Technology, G.B.P.U.A.T, India
Relevant Coursework: Operating Systems, Database Management Systems, Theory of Computing.

TECHNICAL STRENGTHS

Languages   - Python, Java, SQL, Hive, OATS (Oracle Application Testing Suite), HIVE, Pig, Spark
Database   - MS SQL Server, MySql, PostgreSQL
Tools   - Google Analytics, Jenkins, Hadoop, Git, Selenium, JIRA, Weka, OpenScript, Power Bi, Google Colab, Jupyter Notebook, AWS

PROFESSIONAL EXPERIENCE

FedEx Services (Memphis, USA), Graduate Intern.   Sep 2020 – Nov 2020
- Designed a dashboard for monitoring testing activities for LEO project.
- Created a CI/CD pipeline using groovy script and Squish in Jenkins.

Oracle India Pvt Ltd (Bangalore, India), Quality Assurance Engineer   Jan 2018 – June 2019
- Designed and implemented the core function libraries of an internal testing framework.
- Performed unit and API testing on cloud application called FusionLoyalty.
- Defined quality standards and metrics for the product test plan.
- Collaborated with Product Managers and Development Manager to ensure on-time delivery of the project.

LAVA International Ltd (Bangalore, India), Senior Quality Engineer   May 2013 – Dec 2017
- Designed a GCM push notification interface using Falcon Framework and REST architecture in python.
- Performed data analysis on the user behavioral pattern for Gamestore app which increased application usage by 40%.
- Designed and tested multimedia module of over 50 smartphone/tablet models in platforms such as Qualcomm, Broadcom, and MediaTek.
- Tuned the camera module of smartphones using the IMA Test tool for 30 smartphone models.

HCL Info systems: Intern   Jun 2011 – Jul 2011
- Developed a Java based tool to record and maintain data related to interns.
- Studied designing, assembling and manufacturing of computer modules.

PROJECTS

Emotion Detection using Deep Learning
Developed a mechanism for detecting emotions in images with Convolutional Neural Networks using Python.

Sentiment Analysis System
Developed a python-based sentiment detection tool to classify and interpret emotions within text using Naive Bayes algorithm.

COVID-Tracker App (Ongoing)
Developing an android application to track and alert users of nearby COVID-19 positive people. It also allows users to contact the health facilities and get updates on the pandemic situation.

SP-Share
Developed a python-based web-application with Postgres backend, which allows users to create groups and share content (photos and videos) within a specific group.

Data Structures and Algorithms
Designed a Text Editor based on AVL trees and designed an increase key mechanism with O(log n) complexity.