

POOJA GAURAV

419 Summit Ave, Apartment 308, Arlington, Texas 76013 / +1 4697671638
poojagaurav3.github.io, <https://www.linkedin.com/in/pooja-gaurav-9aa87967/>,
pooja.gaurav@mavs.uta.edu, poojagaurav38@gmail.com

EDUCATION

Master of Computer Science University of Texas, Arlington Coursework: Machine Learning, Data Mining, Neural networks, Algorithms, Data Analysis and Modelling Techniques, HLAI GPA: 3.66/4	Expected May 2021
Bachelor of Technology, Information Technology College of Technology, G.B.P.U.A.T, India Relevant Coursework: Operating Systems, Database Management Systems, Theory of Computing. GPA: 7/10	Jul 2008 – May 2012

TECHNICAL STRENGTHS

Languages	- Python, Java, JavaScript, SQL, Hive, OATS (Oracle Application Testing Suite), Spark, HTML
Database	- MS SQL Server, MySql, PostgreSQL
Tools	- AWS, Jenkins, Hadoop, Git, REST API, Power BI, Selenium, Appium, JIRA, BugDB, PyCharm
Data Analysis	- Pandas, NumPy, TensorFlow, Keras, Matplotlib, Google Colab, Jupyter Notebook

PROFESSIONAL EXPERIENCE

FedEx Services (Memphis, USA), Graduate Intern. • Developed a dashboard for tracking projects and sharing update with administration and product team using Power BI. • Extracted, cleaned and processed data for data correction using NumPy, and Pandas. • Created a CI/CD pipeline for PScan tool using groovy script in Jenkins.	Sep 2020 – Nov 2020
Oracle (Bangalore, India), QA Analyst • Designed and implemented the core function libraries and testing framework in Java. • Performed unit and API testing and wrote scripts for cloud application called FusionLoyalty. • Reviewed requirement documents and created metrics and quality standard for the product test plan. • Participated in writing, executing and monitoring automated test suits in Java using OATS framework.	Jan 2018 – June 2019
LAVA International Ltd (Bangalore, India), Software Engineer • Designed a push notification system using python and GCM API • Extracted, cleaned, processed and analyzed user's data using python which increased application usage by 40%. • Developed a web-based application to track module testing for mobile phones using Python and Flask. • Wrote test automation scripts in Java using Selenium and Appium	May 2013 – Dec 2017

PROJECTS

Sorting Visualizer

Developed a sorting visualization using JavaScript - <https://poojagaurav3.github.io/sorting.html>

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. Tools used: Python, Kivy, MySQL, Git.

Emotion Detection using Deep Learning

Developed a mechanism for detecting emotions in images with Convolutional Neural Networks using Python. Tools used: Neural Network concepts, Keras, Tensorflow, Matplotlib, Seaborn, Scikitplot.

Sentiment Analysis System

Developed a sentiment detection tool to classify and interpret emotions within text using Naive Bayes algorithm in python.

SP-Share

Developed a python-based web-application, which allows users to create groups and share content (photos and videos) within a specific group. Application was deployed in EC2 and Postgres (AWS RDS) was used as database.