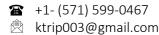
## KAMLA KANT TRIPATHI



LinkedIn: https://www.linkedin.com/in/kkt GitHub: https://github.com/kktripathi



## **WORK EXPERIENCE**

Senior Data Analyst | PRA Group Inc., Norfolk, Virginia | 2021 – Present

- > Working as a Sr. Data Analyst in Due Diligence / Pool Loading team of Data & Analytics department.
- > Worked as a **Data Science Engineer** on database migration for Bankruptcy and Data Acquisition departments; Automation of LCI bankruptcy data processing (**2020-2021**).
- > As a **Data Intelligence Engineer**, sundown the Business Object (BOBJ) reports and developed/moved reports in new CI/CD reporting system. Developed R-Shiny apps and PowerBI reports (**2019-2020**).

Summer Intern | CENTER FOR GEOSPATIAL VISUALIZATION COMPUTING, ITS, ODU | 2017 - 2018

- > Developed an interactive 3-D web map application for "ODUOnline" department in summer 2017.
- > Developed a website for GeoSEA a subdivision of GeoVis Computing in summer 2018.

Graduate Teaching Assistant | DEPARTMENT OF COMPUTER SCIENCE, ODU | 2017 - 2018

» Responsibilities included conducting recitations, monitoring exams, grading homework, and exams.

Project Scientist | REMOTE SENSING APPLICATION CENTER-UP, LUCKNOW (city), INDIA | 2012 - 2013

- > Worked end to end on a mapping project for two forest divisions.
- Applied image classification approaches to classify forest data using Erdas and ArcGIS software.

Project Trainee Intern | IIRS-DEHRADUN, INDIAN SPACE RESEARCH ORGANIZATION, INDIA | 2011

- > Received an appreciation certificate for contribution in a national importance project of Space Based Information Support System Decentralized Planning (SIS-DP).
- > Satellite stereo data processing (IRS-P6/C1 data) & Ortho data generation Digital Elevation Model editing for Bihar state.

## **EDUCATION**

Master of Science, Computer Science | OLD DOMINION UNIVERSITY | VIRGINIA | 2017 - 2018

> With focus in Data Science, Machine Learning, and Web Development; GPA 3.67

Master of Science, Remote Sensing & GIS Applic'n | H.N.B. GARHWAL UNIVERSITY | INDIA | 2009 - 2012

> Thesis based on Hyperion data processing; (First division).

Bachelor of Science, Mathematics and Physics | C. S. J. M. KANPUR UNIVERSITY | INDIA | 2006 - 2009

> Ranked 1<sup>st</sup> in 2006-09 batch of mathematics department; (First division).

## **TECHNICAL PROFICIENCY**

Open source tools: R, Python

SQL Database: PostgreSQL, OracleSQL, SQLServer, Business Objects

Web Development: JavaScript (d3, Cesium, Vega-Lite), CSS, HTML
Data Visualization: PowerBI, Tableau, ggplot, matplotlib, D3.js
Schemas & CI/CD: Entity relationship modeling & Jenkins

Data cleaning/mining: Pandas, OpenRefine / Weka

Data analysis: Pandas, NumPy; scikit-learn; GIS, photogrammetry, image processing Instruments: Spectro-radiometer (SVC HR 1024), Topo-mouse, GPS, Beacon

Version Control: GitHub, GitLab
Operating Systems: Linux, Windows

Cloud: AWS

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