

2,1777-Pembina Hwy,  
Winnipeg, Manitoba,  
R3T2G6

431-990-1700

tadepask@myumanitoba.ca

## OBJECTIVE

A Computer Science research graduate currently pursuing MSc-Computer Science (Thesis) under the guidance of Dr. Ruppa Thulasiram in Computational Financial Derivatives & Cloud Computing Laboratory, at University of Manitoba. I am an aspiring Software Engineer with experience in the Cloud computing and Blockchain technologies.

## EDUCATION

Master of Science(Thesis)  
University of Manitoba,  
Winnipeg,  
Canada

Personal Website  
<https://trailblazed.github.io>

## Skills

Python, Solidity, HTML/CSS,  
Tableau, Excel, SQL, Cloud  
Technologies(Azure and AWS).

## EXPERIENCE

2019-2021

TA • COMP1010, COMP2280 • University of Manitoba and ICM

2019-2021

Grader/Marker • COMP1010, COMP3370, COMP2280, COMP1020 • University of Manitoba

2015-2018

Assistant Professor • Sr.G. • SRM Institute of Science and Technology

2011-2014

Assistant Professor • SRK Institute of Science and Technology

2005-2008

Lecturer • Koneru Lakshmaiah College of Engineering

Conducted classes for the subjects like Data Structures and Algorithm and Database Management Systems. **Course Coordinator** for Operating Systems and Analysis and Design of Algorithms, leading a team of 10 faculty members.

Worked as the **Data Analyst** for the Department of Computer Science for analyzing the student performance to derive insights and follow-up actions for the improvement of the results using Microsoft Excel.

## COMMUNICATION

- Conducted webinar on MACHINE LEARNING & ITS APPLICATION IN TEXT ANALYTICS on 28-June-2020.
- Conducted webinar on BLOCKCHAIN ANALYTICS on 18-July-2020.

## CERTIFICATION

- MTA: Database Fundamentals - Certified 2016  
Microsoft Azure Data Fundamentals
- IBM Applied Data Science Specialization - Coursera

## ACHIEVEMENTS

- NSERC Scholarship (January 2021), University of Manitoba, Canada
- FGS GETS Scholarship (July 2020-21), University of Manitoba, Canada
- Fellowship for Education Purposes (June 2020-21), University of Manitoba, Canada
- IGSES Scholarship (January 2019), Canada-University of Manitoba
- Graduate Aptitude Test in Engineering (GATE 2015), India
- CBSE-NET (National Eligibility Test-December 2014), India
- APSET (Andhra Pradesh State Eligibility Test-2013), India

## PROJECTS

- **Cloud Computing:** Implemented Twitter Sentiment Analysis Using PySpark in Google Cloud Platform. In this project, the dataset will be pre-processed to attain the best results for the sentiment analysis. The classification algorithms will be applied for N-Gram classification(N=1,2,3). The positive and negative reviews will be extracted from the data to estimate the final sentiment review with the help of Machine learning technique - Logistic Regression. The results will be evaluated using F1-Score evaluation metric for these algorithms.
- **Blockchain Analysis:** Collaborated with two classmates for the course project, where I demonstrated my potential and strong leadership ability by designing the solutions for all the statistical analysis to be performed on the bitcoin network graph. My task was also to create a bitcoin network graph and Ethereum network graph. This project was done in python language using NetworkX (<https://github.com/cakcora/Chainoba>).
- **Security & Privacy :** Public Blockchain for Emergency Healthcare Data project was developed using Python 3.6 - Flask Framework for the backend of Blockchain creation. For the front-end of the Blockchain User Interface was created using Javascript, HTML and CSS. PyCrypto, cryptographic library was used for implementing RSA algorithm.
- **On-Line Algorithms:** A course project with my classmate where a bitcoin network address graph was created and compared it with the structural properties of the social network, i.e. community detection and degree distribution, using NetworkX library in python ( <https://github.com/srija-srivast/OnlineProject>).
- **IBM Applied Data Science Capstone Project:** The Battle of Neighbourhood-Calgary-The business problems were 1) Finding out common interest of the people of the city by analyzing the most common places visited? 2) Understanding the top businesses in the current communities and setting up the new business in the new extended community.
- **COVID-19 Early Symptom Prediction Using Blockchain and Machine Learning** - Oct 6, 2021 in Blockchain and Applications- Lecture Notes in Networks and Systems - Volume 320