RAJARSHI CHATTOPADHYAY

🎓 RECENT EDUCATION

2020 | 2018

M.S. in Computer Science, Intelligent Systems
University of Texas at Dallas 📍 Dallas, TX, USA

- Data Structures, Big Data, Machine Learning
- Specialization: Intelligent Systems

💼 SELECTED POSITIONS

2019

Software Engineer Intern, IT
Tesla 📍 Fremont, CA, USA
- Infrastructure automation: Automated infrastructure access requests and brought down the turnaround time by 90%.

2019

Software Development Engineer Intern
Copart 📍 Dallas, TX, USA
- Developed and maintained web application modules and REST microservices for billing and payments operations.

2018 | 2014

Software Systems Engineer
IBM 📍 Kolkata, WB, India
- Developed and maintained client application back-end. Automated DB updates and app-queue monitoring. Received IBM Best Emerging Techie Award in 2016.

📈 SELECTED PROJECTS

2019

Twitter Sentiments
Academic 📍 University of Texas at Dallas
- A Spark Streaming application for live tweets sentiment analysis.

Scala, SBT, Spark, Twitter API, Zookeeper, Kafka, ElasticSearch, Logstash, Kibana

Repo: *github.com/likarajo/twitter_sentiments*,
Link: *likarajo.github.io/twitter_sentiments*

2019

House Price Prediction
Academic 📍 University of Texas at Dallas
- Analyzing house price data from Kaggle and building a model using the data which can be used to predict the final price of a house.

Python, Feature-engineering, AWS S3 EC2 EMR, Spark, Scala, Regression

Repo: *github.com/likarajo/house_price*, Link: *likarajo.github.io/house_price*

2020

Sentiment of Movie Review
Personal
- Deep Learning model built with NN, CNN, RNN using pretrained GloVe word embeddings from Stanford Core NLP

Python3, NLP, Neural Networks, Keras, tensorflow, Scikit-learn

Repo: *github.com/likarajo/movie_sentiment*, Link: *N/A*

2019

Temperature Anomaly
Personal
- Fetch data from NASA and plot regions on map that are fire hazards with high temperature anomaly.

Python, Basemap, Conda

Repo: *github.com/likarajo/hightemp*, Link: *N/A*

SUMMARY

A Software Engineer having 4 years experience:
=> internship on web application development, permanent job on application development and support
=> personal and academic projects on applied machine learning and Big Data management and analysis
=> self-learned system design fundamental
=> online training and certifications

MORE INFO

For a complete list of my work and projects - View my CV online at likarajo.github.io/cv

View this Resume online at likarajo.github.io/cv/resume

CONTACT

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TECHNICAL SKILLS

Lang: Java, Python, Scala
Web: Spring, Spring Boot
Big Data: Hadoop, Spark
DevOps: Git, Jenkins, Docker
Database: SQL, NoSQL
Front End: HTML/CSS/JS
Cloud: AWS S3/EC2/EMR, Elastic

LINKS TO MY WORK

My Project repositories:
 github.com/likarajo
 likarajo.github.io/Projects

My Digital credentials:
 youracclaim.com/users/likarajo

My Blogs and Articles:
 likarajoblogs.wordpress.com
Also in my LinkedIn profile articles