

# 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](https://github.com/likarajo/twitter_sentiments),  
Link: [likarajo.github.io/twitter\\_sentiments](https://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](https://github.com/likarajo/house_price), Link: [likarajo.github.io/house\\_price](https://likarajo.github.io/house_price)
- 2019
- **Chatbot**  
Personal
    - A chat bot designed to simulate conversation with users base on Artificial Intelligence.

*AI, AIML, Python, Flask*

Repo: [github.com/likarajo/chatbot](https://github.com/likarajo/chatbot), 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](https://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](https://likarajo.github.io/cv)

View this Resume online at [likarajo.github.io/cv/resume](https://likarajo.github.io/cv/resume)

## CONTACT

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🐙 [likarajo.github.io](https://likarajo.github.io)  
📞 (469) 380-2696

## 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](https://github.com/likarajo)  
🐙 [likarajo.github.io/Projects](https://likarajo.github.io/Projects)

My Digital credentials:  
🔑 [youracclaim.com/users/likarajo](https://youracclaim.com/users/likarajo)

My Blogs and Articles:  
🌐 [likarajoblogs.wordpress.com](https://likarajoblogs.wordpress.com)  
Also in my LinkedIn profile articles