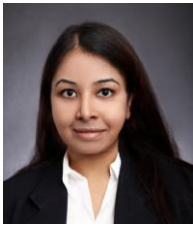


Curriculum Vitae

PERSONAL INFORMATION



Name: SRITAMA DUTTA

Bremen , Germany

+49 1759149912

sritamadutta2019@gmail.com

Date of birth: 31/08/1993

Gender: Female

Nationality: Indian

SKILLS

- Python
- R
- Database Management Systems using SQL
- Tableau
- Data Analytics
- Machine Learning
- Big Data (Hadoop, Ambari, Hive, Pig, Spark, etc)
- Git
- Linux commands

WORK EXPERIENCE

25/11/2017–13/08/2018

Programmer Analyst Trainee (Full time) at Cognizant Technology Solutions, India.

- Worked under Oracle Solutions Practice Digital Technologies Department.
- Worked on Java programming, SQL, Tableau, Linux, MS Office etc
- Prepared data visualizations, documentations, presentations
- Worked for international clients.

EDUCATION

Year	Degree	Institute/University	Grade
2018-2020	Master of Science (MSc) in Data Engineering	Jacobs University, Bremen	Current GPA 1.56 (1 = highest and 5=lowest)
2013-2017	Bachelor of Technology (BTech) in Information Technology	West Bengal University of Technology, Kolkata, India (now M.A.K.A.U.T)	DGPA 9 (10 = highest and 1 = lowest)

PROJECTS

Year	Project Name	Brief Description
2019	Big Data Analytics	Analysis of big data, Practical implementation in Big Data frameworks like Hadoop, Ambari, HDFS, MapReduce, Hive, Pig, Spark, Hortonworks HDP Sandbox, Oracle VM VirtualBox, Microsoft Azure, etc
2019	Data Discovery, Data Analytics and Retrieval From Virtual Observatory using Jupyter Notebook	Analysis of data in json format using Python, pandas, NumPy, matplotlib in Jupyter Notebooks, Data Analytics, Data Visualization, Data Exploration, Data Cleaning and Pre-processing, Code Documentation and Presentation of results
2019	Human Activity Recognition (Bremen Big Data Challenge)	Machine learning challenge on time-series data, Data Exploration, Data Analysis, Data Cleaning and Manipulation, Classifier Building in Python. Accuracy on test data= 81%

2019	Business Analytics using R	Importing data from MS Excel, Data Exploration, Data Manipulation, Data Visualization using ggplot2 package, Model Fitting (Linear Regression), solving Heteroscedasticity, Statistical-Inference. Model Accuracy = 80%.
2019	Workforce Management System Web Application	Implemented database design, creating tables as per user requirements, querying MySQL database and creating database connection and executing queries
2018	Data Analytics using R	Implemented Forward and Backward Model Selection techniques. Used K-Nearest Neighbours, Random Forest Classifier, LDA and QDA for Classification tasks. Solving multicollinearity, VIF, Adjusted R^2
2018	Modelling and Analysis of Complex Systems using Python	Models built from Ordinary Differential Equations(ODE), Implemented Principal Component Analysis for dimension reduction, Models implemented using Python libraries(SciPy, NumPy, matplotlib, etc) using Anaconda environment
2018	Implementation of Web Analytics Solution for a Website	Determination of KPIs, Creating, maintaining and optimizing dashboard for real-time analytics with Google Analytics, monitoring performance reports, analytical evaluation and graphical representation of results
2017	Diverse Contemporary Algorithms to Resolve Load Balancing Issues in Cloud Computing	Implementation and analysis of Algorithms using Virtual Machines on CloudSim and CloudAnalyst platforms.
2016	Online Auction Management Web Application	Technologies used: PHP, HTML5, MySQL and WAMP server.

TRAININGS AND CERTIFICATIONS

Year	Training or Certification	Organization
2019	Tableau	Udemy
2019	Python	Udemy
2018	Advanced Google Analytics	Google
2018	Google Analytics for Beginners	Google
2016	Big Data Analytics	SLIEM
2016	PHP Training with HTML, CSS	HP(Hewlett Packard) Educational Services

AWARDS

Year	Award Name	Organization
2016	Certificate of Excellence Top Ranker	NASSCOM and Dewang Mehta IT Awards

LANGUAGES

- English – Fluent
- German – Basic Speaking, Writing and Listening

SOFT SKILLS:

- Communication: Good communication skills acquired through experience while working with international clientele
- Leadership: Leadership skills gained as one of the Co-ordinators in Innovacion 2016 event in Institute of Engineering and Management college, Kolkata, India.
- Organizational skills: Good organizational skills gained as an organizer of technical fests and cultural fests in the college.
- Team player skills and Time Management skills: Worked in a multi-cultural and multi-ethnic environment in Cognizant Technology Solutions under strict deadlines.

POSITION OF RESPONSIBILITY

Year	Position	Organization
2019-2020	Educational Advisory Panel	Graduate Student Association (GSA) in Jacobs University, Bremen
2019-2020	Representative for all Graduate and PhD students under Mobility department	Jacobs University, Bremen