

Veeresh Elango

Data Scientist



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<http://veereshelango.github.io>



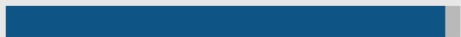
ecveer@gmail.com

I am



Skills

Algorithm Development



Python, R, Scala, SQL



Visualization



NLP



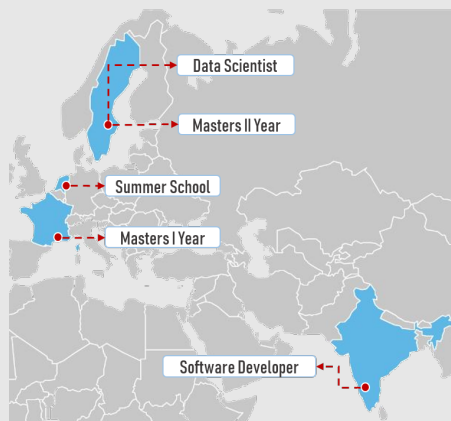
Team Player



Communication



International Experience



Education

2016 - 2018 **MSc., Data Science**

Nice, France & Stockholm, Sweden

UNS & KTH (Dual Degree - EIT Digital Master school)

Specialization: Distributed systems & Data mining for really big data

Merit Scholarship in second year

Experience

July'18 -

Present

Data Scientist

Scania

Scania CV AB - Automotive industry

- Developed methods to calculate the optimal battery size and rollout year to convert a fleet of diesel vehicles to battery electric vehicles based on the transport flow data. DataOps and Agile methodologies were intensively utilized in a cross-functional group to produce a valuable product. *#Optimization #Statistics*
- Associate researcher in a project called PROSPER which aims to identify Europe-wide optimized electric transport system consisting of vehicles, charge stations and electric roads by maximizing the profit for each entity (i.e. total system profit) along with research partners from IFEU, Germany. *#BigData #DistributedComputing*
- Associate researcher in a Vinnova funded research project LOBSTR, my responsibilities were to develop Anomaly Detection methods on CAN signals in collaboration with academic researchers RISE, Stockholm and also to design & develop a cloud-based simulator to run Federated Learning based experiments. *#Anomaly detection #Federated Learning #StatisticalModels*
- Performed root cause analysis for field quality issues using operational and geo-spatial data. *#Statistical Models #Data Analysis*
- Designed, developed and deployed interpretable text classification model to assist the Field Quality Engineers in their day-to-day work. *#NLP #BayesianModelling*
- Delivered guest lecture at Stockholm University on the topic "Data science at Scania" in 2018 & 2019. *#Communication #Presentation*
- Supervising two Master thesis students on topic of "Operational data extraction from the vision of vehicle". *#ComputerVision*

Nov - Dec'17

Data Scientist Intern

Power2U

Applied long short-term memory (LSTM) recurrent neural network model on time series data for forecasting energy consumption of buildings, with which cost-saving actions will be taken. *#Timeseries #Forecasting #DeepLearning*

Jun - Jul'17

Computer Vision Intern

CNRS

Applied Facebook's deep learning based MutlipathNet proposal for object detection in Image on the CCTV video footage of trams at Nice, France to detect the number of people inside the tram and give real time update to the people waiting to take tram. *#ComputeVision #DeepLearning*

2013 - 2016

Senior Software Developer

Infosys

4 years experience

- Played role as full stack developer and lead team with agile methodologies which automated the test case creation for given question paper and also automated the evaluation of the trainees solution with test cases created
- Being a Corporate Trainer, trained several hundred employees on Java EE stack