

# VINOTHKUMAR GANESHAN

## Data Scientist - MSc Machine Learning and Data Mining

Data Science and Digital Transformation enthusiast focused on data. I enjoy working as a team to solve complex real-world data challenges in Big Data, IoT, Machine/Deep Learning (AI) based on different business use cases. Willing to step ahead out of comfort zone and constructing my learning path. Moreover, I'm happy to relocate for my career.

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📍 France



## EXPERIENCE

### Data Scientist @ Direct Producteur

📅 Oct 2019 – Dec 2019

📍 Valence, France

**Skills** - Big data, ML/AI, Visualization, Analytics, Recommendation Engine

- Dynamic creative optimization of recommendation content
- Semantic analysis of large sets of data issued from social network posts
- Machine & deep learning limitations and possibilities for profile discrimination
- Detection of time-sensitive correlations in web history

### Data Scientist (Intern) @ Thales Innovation Lab

📅 Feb 2019 – July 2019

📍 France

**Skills**: Natural Language, GDPR, HIPPA, Visualization

- Implemented data retrieval and pipeline for unstructured data
- Creation of Neural network based clustering and classification strategies
- Study on business value of GDPR and Data protection strategies
- Sentiment Analysis, Part of Speech, Named Entity Recognition, and Classification

### Data Scientist (Work Student) @ Eternl Resilient

📅 Dec 2017 – Aug 2019

📍 France

**Skills**: Data Engineering, Machine Learning, DevOps

- Creating AI solutions for data management and predictive maintenance.
- Development and Deployment of data streaming projects.
- Statistical data analysis and data mining on the business data
- Study in Carbon footprint reduction and cash flow enrichment using AI

### Software developer @ Tiino Techmations

📅 May 2016 – July 2017

📍 Coimbatore, India

**Skills** - Full Stack Developer, Data Analysis, Digital Transformation, IoT

- Built Wireless sensor data transfer optimization and cost estimation methods.
- Field performance Testing and auto-update software feature creation
- Implemented data check-sum correction methods and energy optimization
- Re-structured Database and data flow architecture with reports

## EDUCATION

### M.Sc in Machine Learning & Data Mining

**University Jean Monnet & Ecole des Mines**

📅 Sep 2017 – July 2019

📍 Saint-Étienne, France

### B.E in Computer Science & Engineering

**Anna University**

📅 Aug 2012 - Apr 2016

📍 Chennai, India

## CERTIFICATIONS

- Introduction to Artificial Intelligence - [coursera.org/verify/C4C2CLKYFTJP](https://coursera.org/verify/C4C2CLKYFTJP)
- Deep Learning - PadhAI - OneFourth Labs
- J2EE - Web Component development - NIIT One World

## COMPETENCY

Python	Keras	Elastic Search	NLP	
Tensorflow	Java	PySpark	MySQL	
Hadoop	Tableau	R	Dataiku	IoT
Scikit-learn	StackedTree	Kibana		
Statistical Analysis	MongoDB	ELK		
AWS - EC2, S3, Lightsail, Lambda			CRM	
Rest API	Orange	GitHub	CRM	

## PROJECTS

- **Machine Learning** - Drawn digit recognition  
Designed a web platform to recognize the digits drawn by training using encoders and metric learning
- **Deep Learning** - Object Detection  
Recognition of an object using the state of art deep learning models
- **Big Data** - Data Analysis and visualization  
Understanding the customers of Bay Area cycling industry and their interests to plan for business improvements
- **Data Mining** - Interesting insights exploration  
From the transactions database of a shopping website, understanding and mine the features to explore the patterns on customer behaviour.
- **Blockchain** - Simulating a block-chain network by creating a fake currency and sharing among its peers.

## INTERESTS

Challenges

Digital Transformation

Aviation

Health

Big data

Finance

Predictive Maintenance

DevOps

## AWARDS

French Embassy Appreciation Letter
FMCG Masters Scholarship
Best Outstanding Student award

## LANGUAGES

English  
French  
Tamil



## REFERENCE

Dr Vijayaraghavan Viswanathan, CEO  
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