

Gilles VIEIRA

38 ans
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data scientist

Problem solver

Assets

Self-reliant ♦ Rigorous ♦ Competitor ♦ Proactive ♦ Curious ♦ Team Spirit

Certificates

- ♦ **Practical Deep Learning** specialization (AWS & deeplearning.ai)
- ♦ **Deep Learning** specialization (coursera & deeplearning.ai)
- ♦ **GANs** specialization (coursera & deeplearning.ai)
- ♦ **Java Programming and Software Engineering Fundamentals** (coursera Duke university)
- ♦ **Specialization Functional Programming in Scala** (coursera EPFL)
- ♦ Développer les sites web avec **Java EE** (Open Classrooms & Sopra Steria)

Skills

- ♦ **Data Science :**
Python, pyTorch, tensorflow, R, matlab
- ♦ **Programming :**
Scala, JAVA,
- ♦ **BD :**
SQL, mongoDB
- ♦ **Other :**
Docker, Github, AWS SageMaker
- ♦ **Modeling :**
Computer Vision, CNN, GAN, NLP, Genome-scale, constraint based model, dynamic system ...

Education

- ♦ **PhD** Bioinformatics and modeling (Université Evry Val d'Essonne 2011)
- ♦ **Master** bioinformatics and biostatistics (Université Paris XI 2007)
- ♦ **licences** en bioinformatics et biostatistics (Université Paris XI 2005)

Languages

- ♦ English
- ♦ Spanish (scholar)
- ♦ Portuges (notion)

Hobbies

- ♦ High tech
- ♦ Jigsaw and puzzle
- ♦ Board games
- ♦ Drawing
- ♦ Montpellier Tech Hub (vice-secretary)
- ♦ Sunny Tech conference (vice-secretary)

Skills Assessment

- ♦ **Data Scientist** : Deep & Machine learning
- ♦ Workflow **design** and process **standardization**
- ♦ **Statistical analyzes** : descriptive, inferential
- ♦ Data **formalization**, **integration**, and **management**

Experiences

- **Lipster**
Montpellier 2021 -
 - **Co-founder & Chief Scientific Officer**
 - ♦ Startup creation
 - ♦ Creation of a voice assistant for nursing home
 - ♦ Design and implementation of the deep learning stack
- **AIVE**
Montpellier 2019 - 2020
 - **Senior Data Scientist**
 - ♦ Design of an AI workflow for video post-production
 - ♦ Design and implementation of the data stack
 - ♦ Management of the data team
- **The Chatbot Factory, CA Village**
Montpellier 2018 - 2019
 - **Data Scientist**
 - ♦ R&D on chatbot and natural language processing (NLP)
 - ♦ POCs on NLP task automatization and user intents classification
- **Prestizia, Cap Alpha - BIC (Business & Innovation Centre)**
Montpellier 2014 - 2018
 - **Lead biostatistics & Data manager**
 - ♦ Design and implementation of the statistical stack
 - ♦ Data management
 - ♦ Inferential statistics for clinical trials
- **Institut National des Sciences Appliquées (INSA)**
Toulouse 2012-2013
 - **Research engineer**
 - ♦ R&D optimization et modification of metabolic models
 - ♦ Implementation of a toolbox for genome scale metabolic optimization
- **Commissariat à l'Énergie Atomique (CEA)**
Evry 2007-2011
 - **Post doctoral & PhD Student**
 - ♦ Automatic reconstruction of metabolic models at genome scale
 - ♦ R&D POCs and integration in the open research platform
- **international Genetically Engineered Machine competition (iGEM)**
Paris-Boston 2007-2008
 - **Advisor 2008 Participant 2007**

Awards

- **Concours Mondial de l'Innovation** (CMI) - 2014 & 2020
- **Finalist and fundamental research prize** iGEM - 2007