

EDUCATION**Université Clermont Auvergne, France**

- **Ph.D** in Computer Science and Machine Learning **oct. 2018 - Present**
- **Engineer's degree** in Mathematics and Modeling **sept. 2015 - sept. 2018**
Polytech Clermont-Ferrand, Grande école, Major Grade 15.5 / 20
- **Master of Science** in Computer Science **oct. 2017 - sept. 2018**
ISIMA, Grande école, Double Curriculum, Major Grade 14 / 20

Université Sidi Mohamed Ben Abdellah, Morocco**Bachelor** in Applied Mathematics **sept. 2012 - june 2015****TECHNICAL SKILLS**

Python, Java, C, C++, C#	SQL, JavaScript, HTML, CSS
Tensorflow, Keras, Scikit-Learn, Statsmodels	Pandas, Numpy, Flask
Software engineering: OOP, UML, Git	Linux, Windows

EXPERIENCE**Teaching assistant** Université Clermont Auvergne **sept. 2018 - nov. 2020**

Courses: SQL, Information Systems, Java, XML, XPATH, XSLT, XQuery, Bash programming, Statistics and Probability, Algorithmic.
Total hours: 184.

Research intern LIMOS, Université Clermont Auvergne **apr. 2018 - aug. 2018**

- Data analysis of the Vitality data set (from Clermont's rugby club) and the Canadian longitudinal study on aging.
- Theoretical work on the development of a categorical version of Evidential C-means clustering algorithm. Published [Cat-ECM](#) few months after.

Software Engineer intern SETEC INTERNATIONAL **may 2017 - July 2017**

Adding new features to a sizing aid of parking lots software

- Learned C# programming and Visual Studio.
- Fixed places demand computation bug.
- Developed a new user interface with logo and menu bar.
- Added automated results and graphics generation in Excel format.

CERTIFICATESSpecialization **TensorFlow: Data and Deployment** by deeplearning.ai, Coursera **apr. 2020**Specialization **Deep Learning** by deeplearning.ai, Coursera **nov. 2019**Specialization **Advance Data Science with IBM** by IBM, Coursera **sept. 2019****PROJECTS**

- **Ma distance de sécurité** **mar. 2020**
Web and mobile applications that help users to manage the social distancing during the pandemic COVID-19. Code source on Github.
- **PhiField** Automated irrigation system based on Artificial Intelligence. **may 2019**

HONORS AND AWARDS

- **First place (1/263)** in the follow-up Data Science Olympics Competition **Ongoing**
- **Audience award**, eTakara Niger, PhiField project funding 11 432 EUR **dec. 2019**
- **Excellence Prize** by Réseau des Etudiants Nigériens en France **mar. 2018**

INTERESTS**Entrepreneurship, Coding, Data Science Competitions.**