

# Yongwe Jean-Luc

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## EDUCATION

### UNIVERSITY LYON 2

#### MASTER'S DEGREE IN DATA SCIENCE

Expected September 2017 | Bron, Rhones-Alpes

### UNIVERSITY LYON 1

#### MASTER'S DEGREE IN STATISTICS

Finished September 2016 | Villeurbanne, Rhones-Alpes

### BACHELOR'S DEGREE MATHEMATICS

Graduated June 2014 | Villeurbanne, Rhones-Alpes

### BELGIUM SCHOOL

Graduated September 2009 | Kolkata, India

## LINKS

Github: [github.com/yikkin](https://github.com/yikkin)

LinkedIn:

[www.linkedin.com/in/yongwe-jean-luc/](https://www.linkedin.com/in/yongwe-jean-luc/)

Twitter: @yikkin75

## COURSEWORK

### GRADUATE

Machine Learning and Data Mining  
Text Mining and Web Mining  
Reporting and Data Visualization  
Data Warehousing  
Features Engineering  
Deep Learning  
Mining on securities data

### UNDERGRADUATE

Procedural Programming  
Recursive Programming  
Algebra, Real Function Analysis  
Complex function Analysis

## SKILLS

### PROGRAMMING

Statistics and Development :

Python • R-Studio • Shiny  $\text{\LaTeX}$

Big Data Tools and Technologies:

Spark (Pyspark) • Hadoop Ecosystem

Data Bases :

Impala • Hive • SparkSql

Big Data Tools and Technologies:

Spark (Pyspark) • Hadoop Ecosystem

Language Object:

C-C++ • Scala

## EXPERIENCE

### RIO TINTO | DATA SCIENTIST INTERN (SIGNAL PROCESSING)

April 2016 – September 2016 | Saint-Jean de Maurienne, Savoie

- Automation of data visualization with Spyder (Python IDE + PySPARK)
- Creation of statistical KPI automatically updated
- Creation of a detection loss signal algorithm in real-time

All code was reviewed, perfected, and pushed to production.

## PROJECTS

### SATELLITE COMMUNICATION WITH R

March - June 2013 | Villeurbanne, Rhones-Alpes

Application of Markov Chain about the politics of data re transmission towards congested terminal, using satellite radio emission as relay Algorithm tested on the system ALOHA

### FEATURES ENGINEERING WITH R

November - December 2016 | Bron, Rhones-Alpes

Worked with Pierre Lejeail and Maite Garcia to create a Wrapper Package a feature selection approach based on the most relevant subset.

Subset selected using the Forward, Backward or Genetic Algorithm method applied in the evaluation of the machine learning algorithm on your data set.

### MUSIC RECOMMENDATION SYSTEM WITH PYTHON

January – February 2013 | Bron, Rhones-Alpes

Worked with Pierre Lejeail.

Recognition of musical sampling randomly choose in a musical library (title/author/musical style).

Musical recommendation using the collaborative based + content based model (Hybrid approach)

## SOCIETIES

2017	Participant	Kaggle Challenge
2016-present	member	Lyon Data Science Association
2016	Participant	Data Science Challenge

## OFF-FIELD INTERESTS

2012-2015	American Football
2013	Swimming
2008-present	Reading XIX century classical authors (Zweig, Stendhal, Steinbeck ..)