# Arthur **Douillard**

SOFTWARE ENGINEER · DATA SCIENTIST

*Paris, France*

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## Education

**EPITA**                                                                                                      *Paris, France*

M.S. IN COMPUTER SCIENCE (*Diplôme d'Ingénieur*)                                                                *2013 - 2018*

• Currently in my 4th year (4/5)
• C/C++, Java, SQL, Algorithms, Data Structures, Linear Algebra, First Order Logic, Formal Language, Lambda Calculus

**Hanyang University**                                                                                          *Seoul, South Korea*

EXCHANGE SEMESTER                                                                                               *Spring 2015*

• C, Operating System, Linear Algebra, Calculus, Korean

**Coursera, DataCamp**                                                                                         *Online*

VARIOUS MOOCS

R Programming, Machine Learning in R

## Experience

**MyDrive Solutions**                                                                                           *London, UK*

DATA SCIENTIST INTERN                                                                                           *Fall 2016*

• Data Analysis and Machine Learning in Python (Scikit-Learn, Keras, and Theano) and R

**Thales · Air System**                                                                                        *Limours, France*

LOGISTIC ENGINEER INTERN                                                                                        *Jan - Feb 2015*

• Tracking classified militar RADARs and its components using Oracle Applications.

**POB-Tech**                                                                                                    *Lyon, France*

ROBOTIC ENGINEER INTERNSHIP                                                                                     *June - July 2012*

• Coded robots with Risbee that were exposed at the Model World Fair and the Japan Expo

## Projects

SCHOLAR PROJECTS

• Compiler front-end/back-end for the language Tiger, coded in C++, YACC, Bison, and several flavors of ASM.
• Optical Character Recognition (OCR) software in C: Image analysis, Neural Network and GUI
• Swarm (several hundreds) of Artificial Intelligences interacting with a Minecraft world with time-responsive REST commands.

PERSONNAL PROJECTS

• Several Machine Learning challenges with Kaggle.
• Flask blog with online editing and admin interface.
• SoundCloud music downloader (individual music, playlist, and user's likes.)

## Skills

• **Programming Languages:** Python, Java, C/C++, Scala, R, SQL, Shell, HTML, CSS, Javascript, LaTeX
• **OS:** Linux, MacOs, Windows
• **Tools:** Git, Vim, RStudio, Jupyter Notebook, IPython, PyCharm, IntellJ
• **Fluent Languages:** French (native), English (TOEIC 965/990), Spanish (B2), Korean & Chinese (notions)
• **Hobbies:** Globe-trotter (28 countries), Literature, Geo-politic, Badminton, Squash