

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.

PERSONAL 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, IntelliJ
- **Fluent Languages:** French (native), English (TOEIC 965/990), Spanish (B2), Korean & Chinese (notions)
- **Hobbies:** Globe-trotter (28 countries), Literature, Geo-politic, Badminton, Squash