

MAJDI RABIA

DATA SCIENTIST

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Address Paris, France

Analytical, technical and curious team player who likes to solve complex problems through novel technologies & data

EXPERIENCE

CHIEF TECHNOLOGY OFFICER

Fairphonic | August 2019 - present

- Building the first scalable cover detection system to prevent content platforms (Youtube, Tiktok) from infringing copyright
- Using and manipulating large music data sets to design algorithmic and machine learning solutions for automated royalties computation
- Leading a team of engineers and business developers across Asia
- Continuously developing sample features in python to A/B test ideas with clients and end users
- Fundraised SGD\$200k from Business Angels after pitching to 10+ VCs our complex topics in a clean & simple way
- Selected among the 10 best startups by Entrepreneur First Singapore

QUANTITATIVE/DATA ANALYST

Capitalab BCG Partners | August 2016 - June 2019

- Implemented an optimisation tool for banks to reduce capital costs using market data from various banks
- Conceived a matching algorithm for traders to buy and sell contracts within their risk constraints
- Applied my solid coding skills to create a solution for banks to migrate their risk from London to Europe before Brexit, currently still used by most of the top 10 banks in the world

QUANT ANALYST INTERN

The Python Quants | May 2016 - July 2016

- Developed an Implied Volatility Model for Hedge Funds
- Created trading and backtesting strategies on Zipline

DATA SCIENTIST (INTERN)

City College of New York | May 2015 - July 2015

- Prediction of the activation time of human's neurons' using statistical and probabilistic models (EM algorithm)

ACADEMIC BACKGROUND

NATIONAL UNIVERISTY OF SINGAPORE

Master of Science Applied Probability and Statistics | 2017
Major in machine learning, data mining & network analysis

ENSTA, INSTITUT POLYTECHNIQUE PARIS

Master of Engineering (Grandes Ecoles) | 2015

SKILLS

PYTHON, SQL, TENSORFLOW, R, CLOUD

Programming

JIRA, ASANA, GITHUB, EXCEL

Project Management

INNOVATION, TEAM WORK, STORYTELLING

Personnal

ENGLISH, FRENCH, ARABIC

Fluent

AWARDS

2020 LA NOUVELLE ONDE

Music Executives 30under30 | Category Explore