

NICHOLAS CHARRIERE

Software engineer (specialized in python), looking for opportunities to work as a software engineer/data scientist. I love math, tech, code, and solving problems.



nicholascharriere@gmail.com



+33 6 37 82 64 12



<https://github.com/nichochar/>



[charriere.nicholas](#)



www.linkedin.com/pub/nicholas-charriere/36/830/283/

EXPERIENCE

Server Team & Data analyst - StarMaker Interactive (python/HTML5/CSS3)

Developed and worked on the whole server stack. Designing and implementing database schema, web and mobile clients APIs and admin interface.

2012-current

Developed the main website (www.starmakerstudios.com) / 150.000 visits a month)

Development of admin tools for the non engineering team (angularJS admin)

Data analysis and visualisation with tools including Big Query, python pandas, highcharts

Data Scientist - Data Publica (python/angularJS/mongoDB)

Data cleaning, scraping, analysis and displaying on a 4 month project to visualize clustered data about french companies.

Lead generation through machine learning techniques

summer 2014

SECMAR Project — Integrated systems interface development (Java)

We worked (team of 12 students of my school) on the development that merged data coming from a radar, a sonar and cameras in the port of Marseille. We then developed an interface for the security team.

october 2011

EDUCATION

Mines de Paris executive engineering school "grande école" diploma

Masters Diploma, Executive Engineering and Management (top french engineering school), majoring in *innovation & entrepreneurship*. Modules include database optimization, cryptography, economics, math (algebra, statistics, calculus), information systems, operations research, machine learning.

2010-2013

Intensive preparation classes for the national exam

Intense math, physics and chemistry classes in order to prepare the national competitive exam to enter a "grande école" school (finished #66/14.000).

2008-2010

SKILLS

Python (*web/data analysis*)

JavaScript

Java - C -

UNIX

NoSQL - mongoDB

Git

AWS/GAE cloud services

HTML5/CSS3

Photoshop



INTERESTS

Technology

Photography (<http://500px.com/nichochar>)

Basketball (school captain 2010)

Tennis

Downhill Mountain Biking

Music (12 years of piano, drums)

Travel

Startups

Chess (1450 ELO)