

NICHOLAS CHARRIERE

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



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EXPERIENCE

Server Team — 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.

2012-2013

16 months

Responsible for the product management of the company website (www.starmakerstudios.com / 150.000 visits a month) and main front-end developer.

Development of admin tools for the non engineering team.

oct 2010

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.

2012-2013

Staff - StartupHouse community

Part of a 7 man staff team in the *startup house*, a hostel and community for tech entrepreneurs in San Francisco (<http://startuphouse.com/>).

2008-2010

Student jobs

Math and Physics tutoring, independent website creation contracts, blue collar internship in a garden center, summer job as teller in a bank.

EDUCATION

Mines de Paris executive engineering school "grande école" diploma

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 (*django/webapp2/web2py*)

OSX - UNIX OS

MySQL-Postgre-SQLite-NoSQL

Git

Excel

HTML5/CSS3

JavaScript

Java

C



INTERESTS

Technology

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

Basketball (school captain 2010)

Tennis

Downhill Mountain Biking

Music (12 years of piano, drums)

Travel

Startups

Chess