

HADRIEN TITEU

Research Engineer @ LIP6

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Profile

I like solving odd and unusual problems and hacking my own way to the solution of things, may it be a computer program, a website, or a physical object.

I obviously like to work with computers, but I'm also interested in the human behavior and the human-machine gap by making them more like us and a little less like robots.

General Skills

Teamwork

I love being part of a team to overcome a problem and build a solution. I like interacting with people during projects as much as you can learn from them.

Creativity

I'm never scared of drawing my own new path, and I have the confidence to make it reach its end.

Curiosity

The quote "The education of a man is never completed until he dies." summarizes well my view on the importance of learning and experiencing new things throughout my life.

Languages

French (*Native*)

English (*Fluent*)

Spanish (*Average*)

German (*Basics*)

Technical Skills

C (*Good*)

Python (*Very good*)

Java (*Good*)

Caml (*Average*)

Web dev (HTML/CSS) (*Good*)

Linux Sysadmin (*Intermediate*)

Cloud Admin(*Google App Engine/Azure*)

MongoDB (*Proficient*)

Docker & Docker-Swarm(*Fair*)

System Dev (*GTK+3*)

Maths (*Master Level*)

Pytorch & Theano (*Learning*)

Pandas/Numpy (*Fair*)

WebApps (*Fair*)

Git

Professional Experience

Research Engineer @ LIP6

October of 2016 - October of 2017

Worked on cleaning and aggregating a dataset of heterogeneous relations, given to my lab by Salezeo (working on the implementation in PyTorch of an upgraded Matrix Factorization model that uses gaussian the relations between entities. The goal is to build a recommender system that produces more relevant user.

Research Intern @ Ottawa University with Pierre Lévy

March 2016 - August 2016

Worked on a fundamental research project, which consisted in implementing, revising and testing Pierre known for coining the concept of "Collective Intelligence"). IEML is a completely new Natural Semantic ideas also required a very deep understanding of the philosophy of language.

Data Scientist @ Walnut Algorithm

Summer of 2015

Worked on an automatic trading engine that uses Machine Learning to detect patterns in financial data server infrastructure.

Backend Programmer for a Mobile App @ Wepic

Summer of 2014

Wrote the API interface and the server for a mobile application, as part of a freelance mission, on the G I also made a website to display simple statistics on the app's activity.

Internship @ J&J, IT Department

2 weeks in 2010

Worked in the maintenance department and on a project to help gather data on clients.

Internship @ Metamagix

2 weeks in 2008

Helped the team do a full local network discovery, and documented their software and tools.

Education

ENSIMAG

2013-2016

Computer Engineering School, in Grenoble

Followed courses in Algorithmics, Calculus, Java, C and Ada Programming, Formal Languages, Statistics. I also familiarized with networks and OS programming as part of a chosen syllabus.

MPSI-MP

2010-2013

Ecole préparatoire, Lycée Charlemagne in Paris

Followed advanced courses in Calculus, Linear Algebra, Geometrics, and general Physics. I also took a course mainly focused on algorithms and automata theory, using the Caml language.

I did more research on Neural Networks and Sound Processing to build a python program able to tell the difference between two sounds.

Baccalauréat S

2007-2010

Lycée Français de Vienne, in Austria

Scored with a "Mention Très Bien" ("with highest honors" mention). As part of an academic project, I studied a program able to recognize handwritten letters after a small training.

9th Grade

2006-2007

Princeton High School, NJ

Took Latin and Geoscience as optional courses. I also followed a course in VB6 programming there, with a focus on database management.

Other Experiences

Val D'Isère Hackathon

Took part in and won a week-long Hackathon, aimed at improving a skier's experience. I wrote the back-end of the application.

Hack my City Hackathon

Took part in a 2-days Hackathon that involved building a website to improve mobility in a Grenoble suburb. I was part of the team that won for the originality of our solution.

Event Organization