
CURRICULUM VITAE



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Personal Website & Blog: <http://www.gabrieleangeletti.com>

Github: <https://github.com/blackecho>

Known languages: Italian – native language, English – speak/read/write relatively fluently

Education

La Sapienza University of Rome

MSc in Artificial Intelligence and Robotics (English degree)

2015-now

Currently enrolled in

La Sapienza University of Rome

BSc in Computer and Control Engineering

2011-2014

Graduated with 106/110

Thesis: “Statistical analysis of mobile apps data with the aim of improve the Quality of Experience perceived by the users”

Thesis score: 10/10

Related Experience

Freelance Web Developer

02/2016 – now

I'm currently working as a freelance web developer in order to pay for my studies. At this moment I'm working at the following two projects: www.eplatform.it/en and www.university.it

Ares2t (www.ares2t.com)

06/2014 – 08/2014

I worked with Ares2t as a consultant for the company “[Tivùsat](#)”. The aim of the job was to design and develop text analysis algorithms, and to perform data analysis on Tivùsat mobile app reviews.

We were able to design and implement efficient keyword analysis algorithms which enabled us to boost the performance of app reviews analysis.

Mperience srl (www.vvvvid.it)

04/2014 – 07/2014

I've worked with Mperience srl as a Java/MySQL Junior Developer. The main task among many was to develop an internal web application to generate data reports for the company's clients, which the company still uses.

Stanford University online (www.coursera.org/learn/machine-learning)

Machine Learning

10/2013 – 12/2013

I've attended the Stanford University online course on the coursera.org web platform, in the Machine Learning field, with Professor Andrew Ng, and achieved a score of 100/100.

InnovAction Lab (www.innovactionlab.org/?lang=en)

03/2013 – 06/2013

InnovActionLab.org is a non-profit organization whose mission is to allow you to present your business idea directly to investors. It achieves this through an emotionally high impact, course made up of seminars and trial pitches. The seminars are held by entrepreneurs and startups and the student teams are all assigned mentors. Since 2011, InnovActionLab alumni have created 40 startups to date, raising over €5Mln from VCs and angels.

Projects

Cropp (Cultures Risks and Prevention Platform) – IoT application designed to help farmers in monitoring their lands. The service provides data gathered at two different levels. In situ measurements are merged with satellite observations to give users practical information about possible risks that could threaten their crops. My role in the project was to design the server and the RESTful API, and also to design the machine learning pipeline used to merge the data.

The project won both the local NASA space apps challenge 2015 in Rome both the [International competition in the category "Global Impact"](#).

Project website: cropp.herokuapp.com

Personal blog – I write mainly about machine learning and data science. The main three reasons why I'm writing a blog are: 1. to deepen my understanding of things by teaching them, 2. to improve my writing and communication skills, 3. to use it as an online portfolio.

Skills

Main Programming Languages and Frameworks:

Python – Very Good knowledge

[Django for back-end web dev]

[numpy, scipy, scikit-learn, pandas for data analysis and visualization]

[tensorflow for machine learning and neural networks]

JavaScript – Good knowledge

[JQuery, Angular 2 for front-end web dev]

[Ionic 2 for cross-platform mobile apps]

PHP – Good knowledge

[Laravel for back-end web dev]

Java – Good knowledge

[Hadoop for MapReduce tasks]

Other known languages: MATLAB, Octave, Prolog

Databases:

MySQL, PostgreSQL

Data Science:

Machine Learning – Can use a vast array of algorithms and apply them to real world data.

[Image processing, Natural Language Processing, Deep Learning in particular]

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