## Gabriele Angeletti

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• https://github.com/blackecho

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Experience

Research Engineer, Blue Vision Labs

2018-01-Present

Working on data analysis and visualization pipelines for the company's critical systems.

Research Engineer intern, Blue Vision Labs

2017-08-2017-12

Involved in a Machine Learning project about replacing SIFT with Deep Learning. Built tools for data analysis, reporting and monitoring of computing systems. Contributed to the design of a warehousing solution for hundreds of millions of records.

Consultant 2014 - 2017

Involved in different projects during university, mainly in full-stack web development, web crawling, and natural language processing.

Student, InnovAction Lab

Spring 2013

Entrepreneurship course about how to present business ideas directly to investors.

Education

Sapienza University of Rome,

2015 - 2017

M.Sc. in Engineering in Artificial Intelligence and Robotics, (English Degree)

Final grade 110/110

Thesis: Adaptive Deep Learning through Visual Domain Localization

Sapienza University of Rome,

2011 - 2014

B.Sc. in Engineering in Computer Science and Automation, (Italian Degree)

Final grade 106/110

Thesis: Statistical analysis of mobile apps reviews to improve users' QoE

Engineering Skills Python, strong: SciPy ecosystem, TensorFlow, PyTorch

RDBMS, proficient: MySQL, PostgreSQL, AWS RedShift JavaScript, proficient: ES6, TypeScript, Angular, D3

Golang, working knowledge

Cloud technologies: AWS EC2, AWS EMR, AWS S3, ElasticSearch

**Projects** 

Deep Learning TensorFlow <sup>1</sup>: Ready to use implementations of various Deep Learning algorithms using TensorFlow.

**Publications** 

G. Angeletti, T. Tommasi, B. Caputo. "Adaptive Deep Learning through Visual Domain Localization". In: IEEE International Conference on Robotics and Automation (ICRA) (2018)

 $<sup>^1</sup>$ https://github.com/blackecho/Deep-Learning-TensorFlow

Languages Italian, native speaker

English, fluent spoken and written skills

Honors Ranked 13 / 2189 among Python github users in Italy by  $^2$  2018

Winner of Accenture Digital Hackathon Rome

2016

NASA International SpaceApps Challenge

2015

Local winner (Rome) & Global winner for category Galactic Impact Project: CROPP—Cultures Risks Observation and Prevention Platform<sup>3</sup>

Activities & Hobbies

Open source projects

Data Visualization

<sup>&</sup>lt;sup>2</sup>http://git-awards.com/ <sup>3</sup>https://2015.spaceappschallenge.org/award/