Leonardo Santella

Software Developer

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Git

github.com/leostd
gitlab.com/lstd

OS Preference

GNU/Linux ★★★★★
Windows ★★★★★

Languages

Spanish ★★★★★
Italian ★★★☆☆
English ★★★★☆

Experience

08/17 - P	**Full-stack developer.**	Mahisoft, Caracas, Venezuela

As a Software Developer at Mahisoft I've been worked in projects that involve RESTful systems, mobile and web applications. Also I keep myself learning about good software design and good development practices.
Some technologies I use on a daily basis are: Python, Django, Docker, Kubernetes, Google Cloud, Javascript, jQuery, Redis, React and Apache Benchmark.

10/16 - 04/17	**Intern - Full-stack developer**	Synergy-GB, Caracas, Venezuela

I worked as a full-stack developer where I created three application modules based on Angular 2, Google Firebase, and NodeJS. These modules were content-manager, a NodeJS module and a web page. This three modules were designed and implemented in order to satisfy the high demand of web-pages and the lack of developers and web designers.

11/15 - 12/16	**Teaching assistant**	Universidad Central de Venezuela

I worked as a teaching assistant for the "Probabilities and Statistics" course. I lectured practical sessions and helped to elaborate and mark course quizzes..

Education

2011 - 2018	**Computer Science**	Universidad Central de Venezuela

My grade work was about predicting stock market with machine-learning models to develop automated investment strategies, supported by machine- learning models and using R as programming language.

Projects

2016 - P	**Competitive programming**	leostd/Competitive-Programming

This personal project is a collection of my solutions to many competitive programming problems.

2016 - 2016	**Data mining final project**	Project's poster

In this project we've to develop a digit recognizer using the Kaggle competition https://www.kaggle.com/c/digit-recognizer dataset and machine-learning algorithms. We obtained a model with about 98% accuracy. We used R programming language and R shiny to show our solution using SVM with different kernels.

Awards

04/2018	**Honorable Mention** ACM-ICPC World Final	Worlwide
11/2017	**Third place & Honorable Mention & A place for the ACM-ICPC World Finals** ACM-ICPC Regional	South America - North
10/2017	**Champion UCV & Honorable Mention** ACM-ICPC Local	UCV - Venezuela
12/2016	**Honorable Mention** ACM-ICPC Regional	South America - North

Certifications

04/2018	**ICPCID** *https://icpc.baylor.edu/ICPCID/KVGAAI4XAM36*	ACM
06/2017	**Bond Valuation and Analysis in R** *License 611b9b46044f38cf6d7dec1c4667770d46ed4caa*	DataCamp. E-learning
06/2017	**Financial Trading in R** *License 103fbf6752f0296e0c298b319768a16819a6504f*	DataCamp. E-learning
06/2017	**Introduction to Python for Data Science** *License f0c2d999e33b01f9ae9bb7e774e8b8f2ed5dd918*	DataCamp. E-learning
06/2017	**Introduction to R for Data Science** *License ec015b41c6899521287768762210375eac4d65c8*	DataCamp. E-learning
06/2017	**Introduction to R** *License 4efa48ab9628598f851d071d1e29973af0733a53*	DataCamp. E-learning
06/2017	**Learning How to Learn** *License ARM9Q9TVGHFN*	Coursera. E-learning
10/2016	**Algorithms: Design and Analysis, Part 2** *License 9NH7PRKHQSF9*	Coursera. E-learning
08/2016	**Algorithms: Design and Analysis, Part 1** *License 5CSG52HVVMT4*	Coursera. E-learning
07/2016	**Functional Programming Principles in Scala** *License GHXVUPR3RRTC*	Coursera. E-learning
05/2016	**Machine Learning** *License W87B8GSH59ZH*	Coursera. E-learning

Skills & Technologies

- **Programming Languages:** C++, Python, R, Java, Javascript, C
- **Frameworks:** Django, Falcon
- **Libraries:** jQuery, React
- **Databases:** PostgreSQL, MySQL, Mongo, Redis
- **Container Orchestration:** Kubernetes
- **Container Runtime:** Docker
- **CI/CD:** Jenkins
- **Cloud Platforms:** Google Cloud Platform
- **IDEs:** PyCharm, IntelliJ, CLion, Visual Studio, Visual Studio Code
- **Others:** Postman, Advanced Data Structures and algorithmics techniques

Interests and other activities

2016 - 2016   **Volunteer experience - Teaching assitant**   Caracas, Venezuela
I taught Microsoft Excel to children in a Las Acacias high school

2015 - P   **Competitive programming hobby**   Caracas, Venezuela
Since 2015 I've been consistently participating in programming competitions, both with my college team and individually.

2016 - P   **Interest - Finance**   Caracas, Venezuela
During my first internship, I started having contact with stock and currency markets where I began learning about financial markets.

2015 - P   **Interest - Machine Learning**   Caracas, Venezuela
Since the first data mining course class, I got hooked with machine-learning algorithms. I studied by myself since then

09/10/2018 - Leonardo Santella