

Sergio García Prado

junior computing scientist

contact

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languages

spanish mother tongue
english fluency

programming

♥ Java, Python
JavaScript, C, C++
CSS3 & HTML5

summary

I'm a student of Computer Engineering with a great desire to learn. I especially like the Computing branch, ie, data structures, algorithms, and everything that has to do with scheduling things. Although I do not close the door to anything.

Currently I've started a personal project (EvaluaMe) with which I am putting into practice the knowledge acquired at university.

education

2013–Now	Degree of Computer Engineering Specialization in Computing	University of Valladolid, Spain
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awards

2016	Codes and Cryptography Score: 10.0/10.0 with Honors.	University of Valladolid, Spain
	Algorithms and Computing Score: 9.5/10.0 with Honors.	University of Valladolid, Spain
2015	Operating Systems Structures Score: 9.5/10.0 with Honors.	University of Valladolid, Spain

skills

applications

- 2016 **Calculator with arbitrary-precision integer arithmetic.** University of Valladolid, Spain
github.com/ismtabo/cc_bigintegers
Classwork of Codes and Cryptography. The project involves the implementation in Java of a Calculator with arbitrary integer arithmetic precision.
- 2015 **Implementation of a Random Text Generator** University of Valladolid, Spain
github.com/garciparedes/Generador-de-texto-aleatorio
ClassWork of Data Structures and Algorithms. The project involves the implementation of a random text generator implemented in Java.
- EvaluateMe** EvaluateMe
Play Store: EvaluateMe
Experiment aimed to measure viral spreading of content across the blogosphere.
- Modeling a Burguer Shop.** University of Valladolid, Spain
github.com/garciparedes/InfoBurger
Classwork at Object Oriented Programming. The project consists in modeling an Burger Shop in Java.

publications

- 2016 **Job Shop Scheduling belonging to NP-Complete.** University of Valladolid, Spain
github.com/garciparedes/Job-Shop-Scheduling-NP-Complete
Classwork of Algorithms and Computing. The project involves the study and demonstration of belonging of Job Shop Scheduling to NP-Complete.
- Longest Common Subsequence.** University of Valladolid, Spain
github.com/garciparedes/Longest-Common-Subsequence
Classwork of Algorithms and Computing. The project involves the study and analysis of the problem of finding the Longest Common Substring given two sequences together with a small deployment in Python and Java application that compares the differences between two files.
- Closest pair of points in n-dimensional space.** University of Valladolid, Spain
github.com/garciparedes/Closest-Pair-of-Points
Classwork of Algorithms and Computation. The project involves the study of the closest pair problem and a sample implementation in Python.

interests

professional: computing problems, data analysis, algorithms, machine learning, design patterns, web design, software design, internet of things
personal: motor sports, rap and classic music, cooking, technology, social philosophy