



Juan Camilo Arévalo Arboleda

Personal Profile

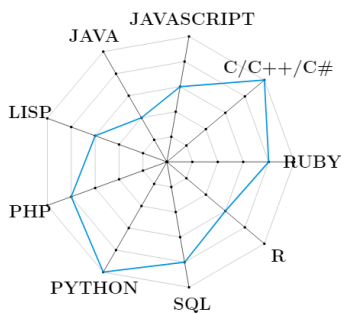
Personal detail

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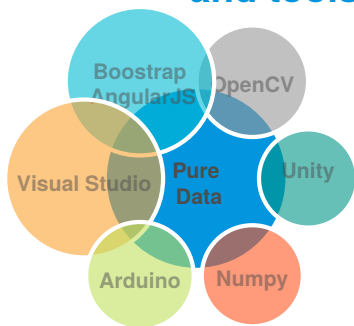
Git

arevaloarboled

Programming



Frameworks and tools



OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★

Summary

I am a computer science student (in final semester) with an emphasis in animation, interactive system, and the web oriented to computation. Mainly interested in music information retrieval, web back-end development, video games design, software development, machine learning, and data mining. I am disciplined, proactive, responsible, acquisitive and with excellent analytical skills. I stand out for an excellent performance in programming code.

Education

Currently - 07/2012 **Computer Science Student**

[Pontificia Universidad Javeriana Cali](#)

Program with ABET international accreditation

Expected graduated in June 2018

GPA 3.71/5

Experience

12/2014 - 08/2014 **Research Assistant**

[Pontificia Universidad Javeriana Cali](#)

Researched, designed and implemented an algorithm capable to find Salsa's choirs efficiently to be compressed in a database using Salsa songs with the fundamental characteristics.

08/2016 - 06/2016 **Research Assistant**

[Pontificia Universidad Javeriana Cali](#)

Designed and implemented data base that research "Investigación histórica y representación digital accesible. El patrimonio artístico durante la guerra civil y posguerra". Project I+D+i Economy and Competitiveness Ministry of Spain (<http://pgp.ccinf.es/PGP/>). And "Glosario social multimedia de innovación educacional y TIC". Project innovation and improvement of the teaching quality of University Computense from Madrid (<http://www3.uah.es/proyectogse/glosario/frontend/web/>).

Accepted papers & conferences

Camilo Arévalo, Gerardo M. Sarria M., Mario Mora, Carlos Arce-Lopera.

Towards an Efficient Algorithm to Get the Chorus of a Salsa Song.

IEEE International Symposium on Multimedia (ISM2015), Miami, FL, USA 2015.

A well-known musical genre and part of Latin-American cultural identity is Salsa. To be able to perform a scientific analysis of this genre, the first step to take is to analyze the structure of Salsa songs. Furthermore, the most representative part of Salsa is the chorus. In this paper we detail the design and implementation of an algorithm developed for getting the chorus of any Salsa song.

Languages

Spanish (Native)
English (B1)

RDBMS

MySQL ★★★★★
PostgreSQL ★★★★★
Oracle XE ★★★★★
SQLserver ★★★★★

Honors & awards

2016	JavAtar 2016 "Aventura al corazón del planeta" Judge of this festival inter-school in which participants build a video game that allow to reflect on the environment Judge
2016	Latin American Contest South America / North Regional ACM-ICPC ranked 8th Member of team CodeBreakers in competitive league programing in Colombia Contest
2016	Colombian Programming Contest ACIS-REDIS ranked 18th Member of team CodeBreakers in competitive league programing in Colombia Contest
2015	Latin American Contest South America / North Regional ACM-ICPC ranked 20th Member of team CodeBreakers in competitive league programing in Colombia Contest
2015	Colombian Programming Contest ACIS-REDIS ranked 19th Member of team CodeBreakers in competitive league programing in Colombia Contest
2014	Honorable mention in the Latin American Contest South America / North Regional ACM-ICPC Member of team CodeBreakers in competitive league programing in Colombia Contest
2014	Colombian Programming Contest ACIS-REDIS ranked 19th Member of team CodeBreakers in competitive league programing in Colombia Contest
2013	Latin American Contest South America / North Regional ACM-ICPC ranked 24th Member of team CodeBreakers in competitive league programing in Colombia Contest
2013	Colombian Programming Contest ACIS-REDIS ranked 31th Member of team CodeBreakers in competitive league programing in Colombia Contest

September 15, 2017

Camilo Arévalo