Juan CamiloArévalo Arboleda

Student of Computer Science

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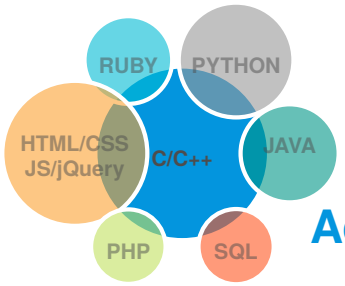
Programming



OS Preference
GNU/Linux ★★★★★
MacOS ★★★☆☆
Windows ★★★★☆

Languages
Spanish ★★★★★
English ★★★☆☆

Education

2013 - Current day **Student of Computer Science** — Pontificia Universidad Javeriana Cali
Expected graduated in January 2018
GPA 3.7/5

Experience

08/2014 - 12/2014 **Pontificia Universidad Javeriana Cali** — Research Assistant
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.

06/2016 - 08/2016 **Pontificia Universidad Javeriana Cali** — Research Assistant
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 (http://pgp.ccinf.es/PGP//). And " Glosario social multimedia de innovación educomunicativa y TIC". Project innovation and improvement of the teaching quality of University Computense from Madrid (http://www3.uah.es/proyectogse/glosario/frontend/web/).

Acepted papers and 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.

Honors & Awards

2016 **Latin American Contest South America / North Regional ACM-ICPC ranked 8th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2016 **Colombian Programming Contest ACIS-REDIS ranked 18th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2015 **Latin American Contest South America / North Regional ACM-ICPC ranked 20th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2015 **Colombian Programming Contest ACIS-REDIS ranked 19th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2014 **Honorable mention in the Latin American Contest South America / North Regional ACM-ICPC** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2014 **Colombian Programming Contest ACIS-REDIS ranked 19th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2013 **Latin American Contest South America / North Regional ACM-ICPC ranked 24th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

2013 **Colombian Programming Contest ACIS-REDIS ranked 31th** Contest
Member of team CodeBreakers in competitive league programing in Colombia

March 28th, 2017

Camilo Arévalo