Juan Camilo Arévalo Arboleda
Curriculum Vitae

Personal detail
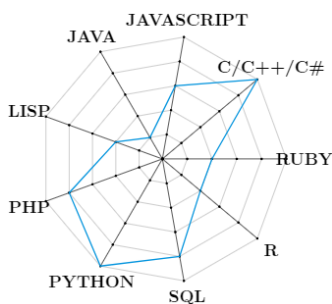
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Japan
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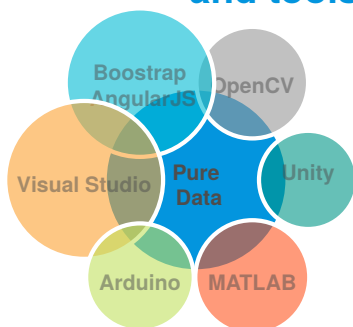1207
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arevaloarboled@
gmail.com

Git

 arevaloarboled

Programming

Years of experiences.

Frameworks and tools

OS Preference

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

Personal profile

I am a bachelor in science of computer science with emphasis in animation, interactive system, and the web oriented to computation. Mainly interested in music information retrieval, web back-end development, VR development, software development, machine learning, and data mining. I am disciplined, proactive, responsible, acquisitive and with excellent analytical skills. I stand out for excellent performance in programming code.

Education

11/2018 - 07/2012	**Bachelor in Science of Computer Science**	Pontificia Universidad Javeriana Cali

Summa Cum Laude
Program with ABET international accreditation
GPA 3.81/5

Experience

12/2018 - 06/2018 — **Research Assistant** — Pontificia Universidad Javeriana Cali
Design and implement an online game *"Tramas: parques intercultural"*, a didactic tool with the proposal to promote the intercultural dialogue, peacebuilding, rural development and community processes of different populations and communities which have not the way to interact with others.

11/2018 — **Internship** — Universidad Complutense de Madrid
Research, design and implement maps tracker for artworks of the artistic heritage during the civil war and the postwar period of Spain using the database to do the historic trace of the artworks.

08/2016 - 06/2016 — **Research Assistant** — Pontificia Universidad Javeriana Cali
Designed and implemented data base that research *"Historical research and accessible digital representation. The artistic heritage during the civil war and postwar of Spain"*. Project I+D+i Economy and Competitiveness Ministry of Spain (pgp.ucm.es/PGP//). And *"Multimedia social glossary of educational communicative innovation and TIC"*. Project innovation and improvement of the teaching quality of Universidad Complutense de Madrid (www3.uah.es/proyectogse/glosario/frontend/web/).

12/2014 - 08/2014 — **Research Assistant** — Pontificia Universidad Javeriana Cali
Researched, designed and implemented an algorithm capable to find salsa chorus for the construction of a data set.

Accepted papers & conferences

Paper & undergraduate thesis
Camilo Arévalo, Gerardo M. Sarria M., Julián Villegas.
Accurate Spatialization of VR Sound Sources in the Near Field.
AES International Conference on Spatial Reproduction - Aesthetics and Science, Tokyo, Japan 2018.

Languages

Spanish   (Native)
English   (B2)

RDBMS

MySql ★★★★★
PostgreSQL ★★★★★
Oracle XE ★★☆☆☆
SQLserver ★☆☆☆☆

Poster

A.A. Navarro Newball, I. Moreno Sánchez, B. Barinaga López, D.F. Loaiza, L.S. Osorio, F.D. Paredes, J. C. Arévalo, S. Juri, E.M. Amézquita, V.E. Contreras.
Developing a Narrative Database for Spanish Art Starting from the End.
12th Colombian Conference on Computing (12CCC), Cali, Valle, Colombia 2017.

Paper

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.

Honors & awards

2018	**Otto de Greiff** A national contest of undergraduate projects in Colombia	Nomination
2018	**3rd prize in Expo poster REDIS South West Node 2018** Research graduation contest held by 21 undergraduate Computer Science programs institutions in Colombia	Contestant
2016	**JavAtar 2016 "Aventura al corazón del planeta"** Inter-school festival in which participants build a video game that allows reflecting on the environment in order to compete for scholarship	Judge
2016	**Latin American Contest South America / North Regional ACM-ICPC ranked 8th** Member of team CodeBreakers in competitive league programming	Contestant
2016	**Colombian Programming Contest ACIS-REDIS ranked 18th** Member of team CodeBreakers in competitive league programming	Contestant
2015	**Latin American Contest South America / North Regional ACM-ICPC ranked 20th** Member of team CodeBreakers in competitive league programming	Contestant
2015	**Colombian Programming Contest ACIS-REDIS ranked 19th** Member of team CodeBreakers in competitive league programming	Contestant
2014	**Honorable mention in the Latin American Contest South America / North Regional ACM-ICPC** Member of team CodeBreakers in competitive league programming	Contestant
2014	**Colombian Programming Contest ACIS-REDIS ranked 19th** Member of team CodeBreakers in competitive league programming	Contestant
2013	**Latin American Contest South America / North Regional ACM-ICPC ranked 24th** Member of team CodeBreakers in competitive league programming	Contestant
2013	**Colombian Programming Contest ACIS-REDIS ranked 31th** Member of team CodeBreakers in competitive league programming	Contestant
2012	**3rd prize in Innova Multimedia festival Cali 2012** Multimedia festival in which the high-schools of Valle state in Colombia creates audiovisual contents promoting the use of TIC in pedagogical processes	Contestant

May 21, 2019

Camilo Arévalo