Juan Camilo Arévalo Arboleda
Curriculum Vitae

Personal detail
Colombian
965-0006
Aizu-Wakamatsu, Japan,
The University of Aizu,
Somei House Room 1207
+81 50 6868 9169
arevaloarboled@
hotmail.com, gmail.com
m5231113@
u-aizu.ac.jp

Git
arevaloarboled

Programming

Years of experience

Frameworks and tools

Pure Data	●●●●
Unity	●●●●
MATLAB	●●●○
Arduino	●●●○
Boostrap & AngularJS	●●●○
OpenMPI/OpenMP	●●●○
OpenCV	●●○○
Visual Studio	●●○○

Languages

Spanish	(Native)
English	(B2)
Japanese	(N4)

Personal profile

I have a bachelor in computer science with experience in animation, interactive systems, and web-oriented computation. I am 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 analytic skills. I stand out for excellent performance in programming code.

Education

Currently – 04/2019 — **Master Student in Computer Science** — University of Aizu
GPA 95/100

11/2018 – 07/2012 — **Bachelor of Computer Science** — Pontifical Xaveriana University Cali
Cum Laude, GPA 3.81/5
Program with ABET international accreditation

Experience

Currently – 04/2019 — **Teacher Assistant** — University of Aizu
Assist in the practical and theoretical lectures of computer science undergraduate courses. Tasks: preparing material, solve doubts and grading exercise.

12/2018 – 06/2018 — **Research Assistant** — Pontifical Xaveriana University Cali
Built an online game *"Tramas: parques intercultural,"* as a didactic tool to promote the intercultural dialogue.

11/2018 — **Internship** — University Complutense of Madrid
Researched and implemented a tracking map for artworks of artistic heritage value during the Spanish civil war and the postwar.

08/2016 – 06/2016 — **Research Assistant** — Pontifical Xaveriana University Cali
Developed an digital representation of Spanish pieces of art for historical research.

12/2014 – 08/2014 — **Research Assistant** — Pontifical Xaveriana University Cali
Researched, designed, and implemented an algorithm capable of finding salsa song choruses for the construction of a data set.

Publications

Accurate Spatialization of VR Sound Sources in the Near Field.
Undergraduate thesis
Camilo Arévalo, Gerardo M. Sarria M., Julián Villegas.
AES Int. Con. on Spatial Reproduction - Aesthetics and Science (Tokyo, Japan) 2018.

Developing a Narrative Database for Spanish Art Starting from the End.
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.
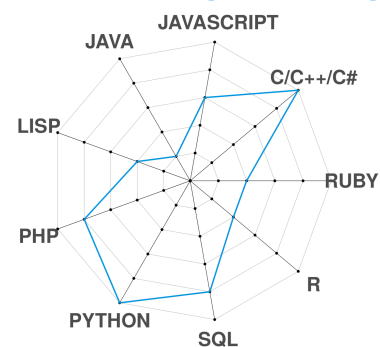*12th Colombian Conference on Computing (12CCC), Cali, Colombia 2017.*

Towards an Efficient Algorithm to Get the Chorus of a Salsa Song.
Camilo Arévalo, Gerardo M. Sarria M., Mario Mora, Carlos Arce-Lopera.
IEEE International Symposium on Multimedia (ISM2015), Miami, FL, USA 2015.

🖥 OS Preference

GNU/Linux	🐧 🐧 🐧
Windows	⊞ ⊞ ⊞ ⊞
MacOS	

🗄 DBMS
Relational DB

MySql	●●●●
PosgreSQL	●●●○
Oracle XE	●●○○

No relational DB

MongoDB	●●○○

🏆 Honors & awards

2018 — **3rd prize in Expo poster REDIS South West Node 2018**
Research graduation contest held by 21 undergraduate Computer Science programs institutions in Colombia

2016 — **Ranked 8th in the ACM International Collegiate Programming Contest (ICPC) South America / North Regional 2016**
Member of *"CodeBreakers"* team

2016 — **Ranked 18th in the Colombian Programming League Contest ACIS-REDIS 2016**
Member of *"CodeBreakers"* team

2015 — **Ranked 20th in the ACM International Collegiate Programming Contest (ICPC) South America / North Regional 2015**
Member of *"CodeBreakers"* team

2015 — **Ranked 19th in the Colombian Programming League Contest ACIS-REDIS 2015**
Member of *"CodeBreakers"* team

2014 — **Honorable mention in the ACM International Collegiate Programming Contest (ICPC) South America / North Regional 2014**
Member of *"CodeBreakers"* team

2014 — **Ranked 19th in the Colombian Programming League Contest ACIS-REDIS 2014**
Member of *"CodeBreakers"* team

2013 — **Ranked 24th in the ACM International Collegiate Programming Contest (ICPC) South America / North Regional 2013**
Member of *"CodeBreakers"* team

2013 — **Ranked 31th in the Colombian Programming League Contest ACIS-REDIS 2013**
Member of *"CodeBreakers"* team

December 30, 2019

Camilo Arévalo