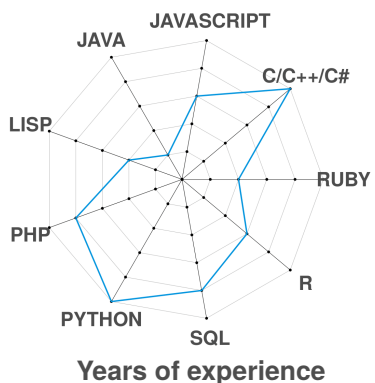# Juan Camilo Arévalo Arboleda
Curriculum Vitae

Personal detail
🌐 Colombian 🏠 965-0005
Aizu-Wakamatsu, Japan,
Nali heights No. 203
Wakanishi 213-5, Kamega,
Ikki machi

📱 +81 80 7897 1182
✉ **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	●●●○○
NodeJS	●●●○○
Docker	●●○○○

Languages

Spanish	**(Native)**
English	**(Fluent)**
Japanese	**(Conversational)**

OS Preference

GNU/Linux	🐧🐧🐧🐧
Windows	⊞⊞⊞⊞
MacOS	

DBMS Relational DB

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

No relational DB

MongoDB	●●○○

March 23, 2020

👤 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, speech recognition, 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** Research topic: Sound spatialisation GPA 95.1/100	University of Aizu
11/2018 – 07/2012	**Bachelor of Computer Science** *Cum Laude*, GPA 3.81/5 Program with ABET international accreditation	Pontifical Xaveriana University Cali

💼 Experience

Currently – 04/2019	**Teacher Assistant** Assist in the practical and theoretical lectures of computer science undergraduate courses. Such as: Virtual reality, Sound and audio processing and C++ programming. Tasks: preparing material, solve doubts and grading exercise.	University of Aizu
12/2018 – 06/2018	**Research Assistant** Built an online game *"Tramas: parques intercultural,"* as a didactic tool to promote the intercultural dialogue.	Pontifical Xaveriana University Cali
11/2018	**Internship** Researched and implemented a tracking map for artworks of artistic heritage value during the Spanish civil war and the postwar.	University Complutense of Madrid
08/2016 – 06/2016	**Research Assistant** Developed an digital representation of Spanish pieces of art for historical research.	Pontifical Xaveriana University Cali
12/2014 – 08/2014	**Research Assistant** Researched, designed, and implemented an algorithm capable of finding salsa song choruses for the construction of a data set.	Pontifical Xaveriana University Cali

📖 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.

🏆 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