Juan Camilo Arévalo Arboleda
Personal Profile

Personal detail

965-0006
Aizu-Wakamatsu,
Japan
The University of Aizu,
Somei House Room
1207
+81 050 6868 9169
arevaloarboled@
gmail.com

Git

 arevaloarboled

Programming

Years of experiences.

Frameworks and tools

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

Summary

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.
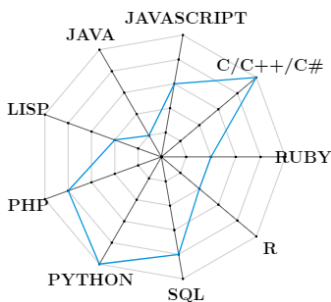
Education

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

Currently - 04/2019 **IT master student**   University of Aizu
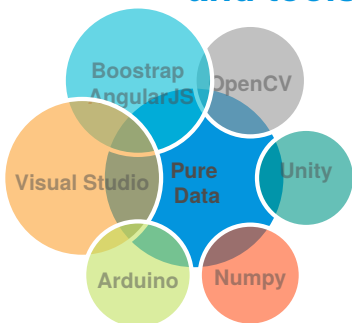Expected graduated in March 2021

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 *"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 ICT"*. Project innovation and improvement of the teaching quality of Universidad Complutense de Madrid (www3.uah.es/proyectogse/glosario/frontend/web/).

06/2018 - 12/2018 **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.

Accepted papers & conferences

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.

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 & 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.

Honors & awards

2018 | **Expo poster REDIS South West Node 2018** — Contestant
Research graduation contest held by 21 undergraduate Computer Science programs of institutions in Colombia

2016 | **JavAtar 2016 "Aventura al corazón del planeta"** — Judge
Judge of this festival inter-school in which participants build a video game that allow to reflect on the environment in order to compete for scholarship.

2016 | **Latin American Contest South America / North Regional ACM-ICPC ranked 8th** — Contestant
Member of team CodeBreakers in competitive league programming

2016 | **Colombian Programming Contest ACIS-REDIS ranked 18th** — Contestant
Member of team CodeBreakers in competitive league programming

2015 | **Latin American Contest South America / North Regional ACM-ICPC ranked 20th** — Contestant
Member of team CodeBreakers in competitive league programming

2015 | **Colombian Programming Contest ACIS-REDIS ranked 19th** — Contestant
Member of team CodeBreakers in competitive league programming

2014 | **Honorable mention in the Latin American Contest South America / North Regional ACM-ICPC** — Contestant
Member of team CodeBreakers in competitive league programming

2014 | **Colombian Programming Contest ACIS-REDIS ranked 19th** — Contestant
Member of team CodeBreakers in competitive league programming

2013 | **Latin American Contest South America / North Regional ACM-ICPC ranked 24th** — Contestant
Member of team CodeBreakers in competitive league programming

2013 | **Colombian Programming Contest ACIS-REDIS ranked 31th** — Contestant
Member of team CodeBreakers in competitive league programming

May 20, 2019

Camilo Arévalo