Juan Camilo Arévalo Arboleda

Curriculum Vitae

Personal detail

🏠 965-0006
Aizu-Wakamatsu,
Japan
The University of Aizu,
Somei House Room
1207
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✉ m5231113@
u-aizu.ac.jp

Git

 arevaloarboled

Programming

Years of experience

Frameworks and tools

Languages

Spanish   (Native)
English   (B2)

Personal profile

I have a bachelor in computer science with emphasis in animation, interactive systems, and web oriented to 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.
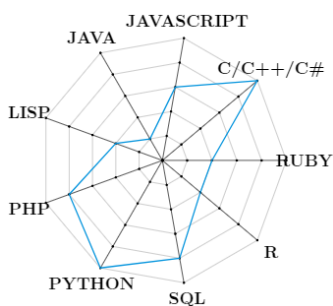
Education

11/18 - 07/12	**Bachelor of Computer Science**	Pontifical Javeriana University Cali

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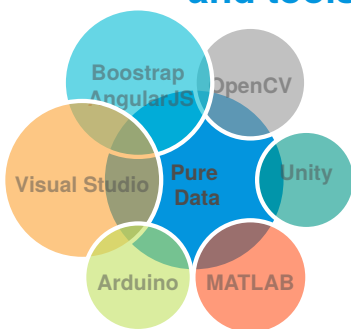Program with ABET international accreditation
GPA 3.81/5

Experience

12/18 - 06/18 **Research Assistant** — Pontifical Javeriana University Cali
Built an online game *"Tramas: parques intercultural,"* as a didactic tool with the proposal to promote the intercultural dialogue.

11/18 **Internship** — University Complutense of Madrid
Researched and implemented a map tracker for artworks of the artistic heritage during the civil war and the postwar of Spain using a database to do the historic trace of the artworks.

08/16 - 06/16 **Research Assistant** — Pontifical Javeriana University Cali
Developed an accessible digital representation of the Spanish pieces of art for historical research of the artistic heritage during the Spanish civil war.

12/14 - 08/14 **Research Assistant** — Pontifical Javeriana University Cali
Researched, designed and implemented an algorithm capable to find salsa chorus for the construction of a data set.

Publications

Accurate Spatialization of VR Sound Sources in the Near Field.
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 ★★★☆☆

RDBMS

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

Honors & awards

2018 **Nomination to Otto de Greiff prize**
A prestigious national contest of undergraduate projects in Colombia

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 **Judge of JavAtar 2016 "Adventure to the heart of the planet" [English translation]**
Inter-high school festival in which participants build a video game that allows reflecting on the environment

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

2012 **3rd prize in Innova Multimedia festival Cali 2012**
Multimedia festival in which the high-schools of Valle province in Colombia create audiovisual contents promoting the use of ICT in pedagogical processes

May 22, 2019

Camilo Arévalo