



Juan Camilo Arévalo Arboleda

Curriculum Vitae

Personal detail

🏠 965-0006

Aizu-Wakamatsu,
Japan

The University of Aizu,
Somei House Room
1207

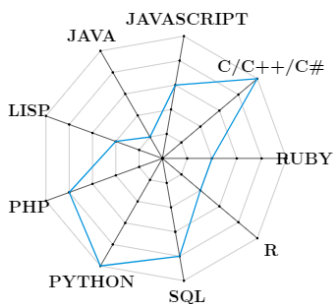
☎ +81 50 6868 9169

✉ m5231113@
u-aizu.ac.jp

Git

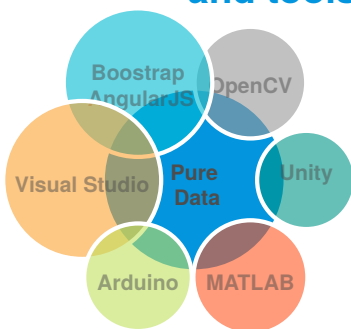
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Programming



Years of experience

Frameworks and tools



Languages

Spanish (Native)
English (B2)

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

11/18 – 07/12 **Bachelor of Computer Science** [Pontifical Xavieriana University Cali](#)
Cum Laude
Program with ABET international accreditation
GPA 3.81/5

Experience

12/18 – 06/18 **Research Assistant** [Pontifical Xavieriana University Cali](#)
Built an online game “*Tramas: parques intercultural*,” as a didactic tool to promote the intercultural dialogue.

11/18 **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.

08/16 – 06/16 **Research Assistant** [Pontifical Xavieriana University Cali](#)
Developed an digital representation of Spanish pieces of art for historical research.

12/14 – 08/14 **Research Assistant** [Pontifical Xavieriana University Cali](#)
Researched, designed, and implemented an algorithm capable of finding salsa choruses 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)**
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

October 21, 2019

Camilo Arévalo