

Benhur Ortiz-Jaramillo

Birthdate: 16 of August, 1986
Birthplace: Manizales, Caldas – Colombia
Profession: Doctor in Engineering
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Profile

I am an expert in computer science with more than 10 years of research experience in diverse areas such as quality assessment, digital thermography and image processing. I am passionate about computer programming and software development. Thanks to my research experience I have developed a creative and critical thinking which helps me to find solutions to engineering problems.

Academic formation

Doctor in Engineering (2012 – 2018)
Ghent University
Master in Engineering (2009 – 2012)
Universidad Nacional de Colombia – Manizales
Cumulative average 4.9/5.0
Electronic engineer (2004 – 2009)
Universidad Nacional de Colombia – Manizales
Cumulative average 4.3/5.0

Computer skills

Operating systems:
Microsoft Windows,
Ubuntu Linux
Word processors:
LaTeX, Microsoft Office,
OpenOffice
Programming languages:
C/C++, Python, Matlab

Work experience

Researcher (2012 – 2018)
Image Processing and Interpretation research group
Ghent University – Ghent
Research Assistant (2010 – 2012)
Textile Department
Ghent University – Ghent
Researcher (2007 – 2012)
Control and Digital Signal Processing research group
Universidad Nacional de Colombia – Manizales

Languages

Spanish: mother language
English: advanced
Dutch: elementary

Hobbies

Anime, cooking, football,
hiking, video games

References

Wilfried Philips, Professor at Ghent University, Belgium

wilfried.philips@ugent.be

Ljiljana Platisa, Postdoctoral researcher at Ghent University, Belgium

ljiljana.platisa@ugent.be

Publications

1. B. Ortiz-Jaramillo, A. Kumcu, L. Platisa and W. Philips, "Evaluation of color differences in natural scene color images," Signal Processing: Image Communication, vol. 71, pp. 128 - 137, 2019
2. B. Ortiz-Jaramillo, A. Kumcu, L. Platisa and W. Philips, "Content-aware contrast ratio measure for images," Signal Processing: Image Communication, vol. 62, pp. 51 - 63, 2018
3. B. Ortiz-Jaramillo, J.O. Niño-Castañeda, L. Platisa and W. Philips, "Content-aware objective video quality assessment," Journal of Electronic Imaging, vol. 25, pp. 013011: 1 - 16, 2016
4. B. Ortiz-Jaramillo, S.A. Orjuela-Vargas, L. Van-Langenhove, C.G. Castellanos-Dominguez and W. Philips, "Reviewing, selecting and evaluating features in distinguishing fine changes of global texture," Pattern Analysis and Applications, vol. 17, pp. 1 - 15, 2014
5. and more than 10 peer-reviewed papers in international conferences