europass Curriculum Vitae

PERSONAL INFORMATION

Yensy Helena Gomez Villegas

Pereira (Colombia)

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Skype yensy.gomez.villegas

Sex Female | Nationality Colombian

WORK EXPERIENCE

04 September 2009 – Present

Research Assistant

Sirius Lab., Pereira (Colombia)

12 October 2012 – 12 January 2013

Advisory Engineer

Universidad Tecnologica de Pereira, Pereira (Colombia)

advisory to apply standard Tia 606A

10 October 2010 – 08 November 2011

Advisory Engineer

Soluintech, Pereira (Colombia)

Support traffic controllers

15 March 2013 – Present

Young Researcher

Universidad Tecnologica de Pereira, Pereira (Colombia)

Acceleration of semi Lagrangian method to study the behavior of plasma particles through laser ablation.

20 February 2008 – 08 May 2009

Mathematics Assistant

Mathematics Department UTP

EDUCATION AND TRAINING

2007 – 2012

BSc in Computer Science and Systems Eng

Universidad Tecnologica de Pereira, Pereira (Colombia)

2012 – Present

Specialization in Digital Electronics

Universidad Tecnologica de Pereira, Pereira (Colombia)

2011 – 2011

Diploma Course Project Management

Universidad Tecnologica de Pereira, Pereira (Colombia)

PERSONAL SKILLS

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Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Portuguese	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Communication skills I've been working on Sirius Lab for over two years, participating in many projects with different people in both, academic and professional environments. During this time, I have shown my ability to communicate positively respecting the different point of view of people, showing that I have great capacity to work together.

Related document(s):

Organisational / managerial skills I am a very responsible, proactive I have good capacity to the logistics and organization.

Related document(s):

Computer skills I have knowledge in:
Programming Languages: C#, C/C++. Matlab, Python.
OpenCL Computing Parallel
Data Base Postgres
Hardware Description Language: VHDL.

ADDITIONAL INFORMATION

Publications "Comparación del tiempo de ejecución de un algoritmo sobre una unidad de procesamiento gráfico (GPU) y sobre una unidad de procesamiento central (CPU)" . En: ColombiaScientia Et Technica*ISSN:*0122-1701*ed:*Universidad Tecnológica de Pereira
*v.*47*fasc.*n/a p.281 - 284 ,2011
Simulation of plume-plasma expansion with one-dimensional Particle-in-CellThis article has been downloaded from IOPscience. Please scroll down to see the full text article.2012 J. Phys.: Conf. Ser. 370 012033(http://iopscience.iop.org/1742-6596/370/1/012033)

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Events LAWPP 2011, Latin America Workshop on Plasma Physics
http://www.lawpp2011.org.ar/

References MSc. Jose Alfredo Jaramillo Villegas
Director Sirius Lab at Universidad Tecnológica de Pereira,
PhD Student at Purdue Universityjjv@purdue.edu, jj@sirius.utp.edu.co
skype: jaljavi

Msc. Mathematics Julio Vargas
Universidad Tecnologica de Pereira
Jvargas@utp.edu.co