Carlos Miguel Pérez Reyes, Ing.

Private sector – Software Developer

Personal data:

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Social Network profiles:

[LinkedIn](#) in   [Facebook](#) f   [ResearchGate](#) RG   [Google Plus](#) g+

Profile

Computer Science Engineer. Web solution and desktop developer. Specialized in Java y C#.

Academics titles

- Mid Scholl in Informatics. 2001-2005.
  - Computer Sciences Engineer, 2006-2011. Summa cum laude. GPA: 5.26 / 5

Languages

(N = Normal, G = Good, P = Perfectly)

Language	Speak	Read	Write
Spanish	P	P	P
English	G	P	G

Software project Experiences

Developer – University of Informatics Sciences, Havana, Cuba. 2009 – 2011

CICPC. System for police investigation and information (SIIPOL).

Police Management System for CICPC of Venezuela Republic. Large scale enterprise Web application, developed with Java. I worked as a developer in the Administration module.

Java / JSF / Spring Framework / Hibernate / Acegi Security System / Rich Faces

Architect / Developer – National headquarter of Informatics of the Cuban medical mission in Venezuela, Caracas, Venezuela. 2011

National database of vaccination of Venezuela.

Management system of vaccination of the Cuban medical mission in Venezuela.

HTML / PHP / CSS / JavaScript / PHP / MySQL / Microsoft Access

Architect / Developer – University of Informatics Sciences, Havana, Cuba. 2011

ZERA. FISIM. Mathematical Physical Simulator.

E-Learning Education software for learning physics of ZERA platform. Simulation of different phenomena for pre-university level in Mexico.

Java / Java Web Start / PostgreSQL / PHP / REST / SSO /

Project Team Leader / Software Architect / Analyst / Developer – University of Informatics Sciences, Havana, Cuba. 2011 – 2013

GRECIA. Conference Management System

Web Conference Management System. Publication of articles, indexing and searching, flexible system overhaul. Compatible with multiple browsers, mobile Adaptable, AJAX application, integration with heterogeneous data sources.

HTML / PHP / CSS / JavaScript / jQuery / Drupal / XML / SOAP / MySQL

Project Team Leader / Software Architect / Analyst / Developer – University of Informatics Sciences, Havana, Cuba. 2013 – 2014

Management System Cuban Journal of Computer Science

Web Application for managing scientific articles. Publication of articles, peer review and peer blindly indexing, metadata export.

HTML / PHP / CSS / JavaScript / jQuery / OJS / XML / SOAP / MySQL / OAI-PMH

Project Team Leader / Architect / Analyst / Developer – Havana, Cuba. 2014 - 2015

HebaIdeas BPM

Business Process Management for the Mexican company HebaIdeas, listing and sales of products and services.

Java / Bonita BPM / JasperReports / PostgreSQL

Project Team Leader / Analyst / Developer – Havana, Cuba. 2014 - 2015

Compucatálogo

E-commerce Social network of for the Mexican company HebaIdeas, which is dedicated to the development and commercialization of technologies, related to scientific computing.

HTML / PHP / CSS / JavaScript / jQuery / Drupal / XML / SOAP / PostgreSQL

Architect / Analyst / Developer – University of Informatics Sciences, Havana, Cuba. & Forschungszentrum Jülich, Alemania. 2014 – 2015

Physical simulation platform Computational Mathematics Center.

Computational fluid simulation of biological interest for supercomputers Applying parallel and distributed computing both high performance CPU and GPU.

C++ / Java / Charm++ / OpenMP / MPI / CUDA

Developer – Havana, Cuba. 2015

Integration of banking applications for Qatar Islamic Bank (QIB)

Integration of banking applications through Enterprise Service Bus IBM (IBM Integration Bus v9.0.0.2). Handling different message formats (soap, BASE24, etc.) Services orchestration.

IBM Integration toolkit / PLSQL / SOAUI / Webphere MQ

Developer – Havana, Cuba. 2015

Portal of Procedures and Services of the Tax Administration Service (SAT) of Mexico

The Tax Administration Service (SAT) is a decentralized agency of the Ministry of Finance and Public Credit, which has the responsibility for implementing the fiscal and customs legislation, in order that individuals and corporations contribute proportionately and equitably public spending ; to audit taxpayers to comply with tax and customs regulations; facilitate and encourage voluntary compliance, and to generate and provide the necessary information for the design and evaluation of tax policy.

Java / Oracle WebCenter Sites / Oracle DB / JavaScript

Project Team Leader / Developer – Havana, Cuba. 2015

Police Management System (PMS)

It is a custom development for police stations in Tarragona Spain. Specially design to cover the main needs of police daily.

Java / JPA / AngularJS / Oracle / PostreSQL / Spring Security / Junit / JHipster / Yeoman

Project Team Leader / Developer – Havana, Cuba. 2015

TenSync. TEN ERP bridge for Prestashop.

TEN ERP is a private ERP solution for almost 800 companies in Spain. The bridge is a combination of C# desktop application combine with a Prestashop module.

C# / Entity Framework / SQL Server / Prestashop / PHP

Developer – Havana, Cuba. 2015

Document loans management system (MGAF)

It is a custom development done to control physical documents, location, loan, inventory, transportation, transfers, and other features that allow the management of physical documents. By IBM Filenet solution content management it is required in the system, providing a single repository for managing enterprise content documents throughout their life cycle is provided. This repository integrates with enterprise content MGAF to allow easy consultation and document management.

Java / JPA / AngularJS / Oracle / PostreSQL / Spring Security / Junit

Technology Experiences

Technology	Experience (Years)	Level (1 - 5)	Technology	Experience (Years)	Level (1 - 5)
Languages or Frameworks			Languages or Frameworks		
HTML	9	4	PHP	5	4
CSS	9	4	PostgreSQL	5	4
Javascript	5	4	MySQL	5	4
ExtJS	2	3	C++	5	3
jQuery	3	4	Object Pascal	4	3
jQuery UI	2	3	MPI	1	3
C# (Windows Form)	6	5	Android	1	4
C# (Web Form)	3	4	OpenMP	1	3
SQL Server	2	3	IDE´s		
Entity Framework	2	3	Visual Studio	6	4
Java	6	4	Eclipse	5	4
JSF	2	2	NetBeans	5	4
JSP	4	4	PhpStorm	1	4
Spring	5	4	Borland C++ Builder	5	3
Hibernate	3	3	Borland Delphi	4	3
Drupal	1	3	InteljIdea	1	3

Postgraduate

Postgraduate of Methodology of Scientific Research

Postgraduate of Professional communication.

Postgraduate of Science Technology and Society.

Postgraduate of Introduction to Architecture SOA.

Postgraduate of Computational Mathematics

Postgraduate of Advanced Programming Languages

Postgraduate of Advanced Data Structures

Postgraduate of Analysis and Design of Algorithms

Published paper

1. Navas-Conyedo E., Pérez-Reyes C.M., et-al. (2014). Computational Characterization Of The Diffusion Of Red Blood Cells In A One Dimensional Capillary In A Hydrodynamics Regime. (Indexed in: Scopus)

2. Pérez-Reyes C.M. The problem of the interdisciplinary of Math and Phisics in Computer Sciences (El problema de la interdisciplinariedad de las ciencias básicas en informática). International Conference Universidad 2014. Conference proceeding. ISBN: 978-959-16-2255-6.

3. Pérez-Reyes C.M. Argilagos Yi J.M. GRECIA: Scientific Conference Management System (GRECIA: Plataforma electrónica para la gestión de eventos científicos). International Conference Universidad 2014. Conference proceeding. ISBN: 978-959-16-2255-6.

4. Pérez-Reyes C.M., Web evolution: how favored the teaching-learning process and scientific research? (Evolución de la web: ¿cómo ha favorecido al proceso enseñanza-aprendizaje y a la investigación científica?). 7(2) Serie Científica. 2014. ISSN: 2306-2495

5. Pérez-Reyes C.M. REDACTA: Online Scientific Word Processor (Diseño de un software de apoyo a la elaboración de documentos científicos). International Conference Informática. Conference proceeding. 2013. ISBN: 978-959-7213-02-4

6. Pérez-Reyes C.M. El Problema De La Interdisciplinariedad De Las Ciencias Básicas En La Ingeniería Informática. International Conference COMPUMAT 2013. Conference proceedings 2013. ISBN: 978-959-286-022-3

7. Pérez-Reyes C.M. GRECIA: Plataforma Electrónica Para La Gestión De Eventos Científicos. Congreso Internacional COMPUMAT 2013

8. Pérez-Reyes C.M. REDACTA: procesador en línea de texto científico. Congreso Internacional COMPUMAT 2013

9. Pérez-Reyes, C. M. JURL: Mecanismo de interacción entre aplicaciones web y sistemas basados en tecnología Java Web Start para entornos e-learning. VI Conferencia Científica UCIENCIA 2012.

10. Pérez-Reyes, C. M. & Pons, Y. M. Standard for Software Interaction Based on Different Technologies Through the Network. 2nd Computer Science On-line Conference 2012

11. Pérez-Reyes C.M. Las TIC, parte esencial en el desarrollo de la formación del profesional en la Universidad de las Ciencias Informáticas. Experiencias desde el Consejo Científico Estudiantil. International Conference Universidad 2010.

12. Pérez-Reyes, C. M. (2013). Study on physical simulators for education: evolution and development technologies. Serie Científica, 6(4). 2013

13. Pérez-Reyes, C. M., & Yi, J. M. A. (2012). Plataforma electrónica para la gestión de eventos científicos en la Universidad de las Ciencias Informáticas. Serie Científica, 5(5).

14. Pérez-Reyes, C. M. & Pons, Y. M. (2011). JURL. Estándar para la interacción entre software basados en diferentes tecnologías a través de la red. Serie Científica, 4(11).

References

Jose Ernesto Lara Rodríguez gandalf.strsoft@gmail.com – Software Engineer at Kueski, Zapopan, México.

Jose Miguel Argilagos Yi jose.argilagos@gmail.com – Software Developer at Freelance, Havana, Cuba.

Alejandro Morales alejandro.mo@outlook.com – Developer at World Travel Holdings, E.E.U.U.

Leandro González Vallejo lanos2013@gmail.com – Senior Developer at Globant, Uruguay

Heinrich Terborg heinrich.terborg@gmail.com – Co-Founder at Hebaldeas México, D.F

David Duval duvalsoft@gmail.com – CEO at Duvalsoft. Tarragona, Spain

Jorge Infante Osorio jorge.softdevelop@gmail.com – Head of Fábrica, Havana, Cuba