

## Curriculum Vitae

### Personal Data

Full name	Carlos Alberto Ruíz Díaz
Born in	Mexico
Contact mobile number	(+521) 3312754846
Contact Email	ruiz.carlos.ad@gmail.com
Marital status	Single
Gender	Male

### Education

Institution	University of Guadalajara
Major	Ph.D. in Information Technologies
Degree	Ph.D. in Information Technologies
Thesis topic	A SPL-based Approach for the Configuration and Adaptation of IaaS Deployments
Date	February 2013 – January 2018

Institution	Dresden University of Technology
Major	Computational Engineering
Degree	Master of Computer Science
Thesis topic	Adaptation support for the CRUISe runtime environment
Date	October 2007 – April 2010

Institution	National Polytechnic Institute (IPN - ESCOM)
Major	Computing Systems Engineering
Degree	Bachelor
Thesis topic	Software tool kit for the projection of 3D objects
Date	September 2002 – August 2006

### Languages

Language	English
Level	Intermediate - Advanced
Degree	TOEFL iBT

Language	Japanese
Level	Beginner
Degree	JLPT N5

### Research projects

Institution	Research Institute of Computer Science and Random Systems (IRISA) – Rennes, France
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Project	Performance prediction of multi-tier applications on cloud environments
Date	September 2015 – February 2016
Role	Researcher
Institution	Oracle – University of Guadalajara
Project	Response time prediction for database applications on Cloud environments
Date	January 2014 - January 2015
Role	Researcher, Application developer
Institution	Dresden University of Technology
Project	Semantic search engine
Date	July 2009 - November 2009
Role	Researcher, Application developer
Institution	Dresden University of Technology
Project	Federated search engine
Date	February 2009 - July 2009
Role	Researcher, Application developer
Institution	National Polytechnic Institute (IPN - CIC)
Project	E-Learning system
Date	May 2006 - October 2006
Role	Application developer
<b>Publications</b>	
Title	<i>An RLS Memory-based Mechanism for the Automatic Adaptation of VMs on Cloud Environments</i>
Presented in	In Proceedings of the 2017 Workshop on Adaptive Resource Management and Scheduling for Cloud Computing (ARMS-CC'17)
Authors	Carlos Ruiz, Hector A. Duran-Limon, Nikos Parlavantzas
Institution	University of Guadalajara - IRISA
Year	2017
Title	<i>Towards a Software Product Line-based approach to adapt IaaS cloud configurations</i>
Presented in	In the IEEE/ACM Proceedings of the 9 <sup>th</sup> International Conference on Utility and Cloud Computing (UCC '16)
Authors	Carlos Ruiz, Hector A. Duran-Limon, Nikos Parlavantzas
Institution	University of Guadalajara - IRISA
Year	2016
Title	<i>A Performance Prediction Model for Database</i>

Presented in	<i>Environments: A preliminary Analysis</i> IEEE International Symposium on High Performance and Smart Computing
Authors	Jesus Flores-Contreras, Carlos Ruiz, Pablo Salazar, Hector A. Duran-Limon, Efren Mezura-Montes, Nicandro Cruz-Ramirez, Hector-Gabriel Acosta-Mesa
Institution	University of Guadalajara, University of Veracruz
Year	2015

### Work experience

Company	HCL Technologies México
Project	United Services Automobile Association
Date	February 2017 up to date
Role	Technical Lead
Company	TATA Consultancy Services
Project	General Electric Leasing Source (Desktop and mobile applications)
Date	April 2012 a February 2013
Role	Team leader, System analyst, Senior Application Developer
Company	Infosys Technologies S.A. de C.V.
Project	Capital One, Bank of America
Date	December 2010 a April 2012
Role	System analyst, Jr. Application Developer
Company	SACTI – BBVA Bancomer
Project	BBVA Bancomer (User account management)
Date	November 2006 a June 2007
Role	Jr. Application Developer

### Technical Skills

	Openstack Liberty, Linux CentOS, Java 1.5 – 7, Apache web server, Tomcat Application Server, MySQL DBMS, JPA, REST Web Services
Knowledgeable in	Shell scripting, awk, python, javascript, XML, Maven, Web services