Víctor Leonel Orozco López

"One of my most productive days was throwing away 1000 lines of code" - Ken Thompson

Personal Details

E-mail me@vorozco.com

Website https://vorozco.com/

Age 34 years old

Education

2012-2013 Master of Science (MSc), Computer Science

Research area: Information security

Universidade Federal de Santa Maria (RS, Brazil)

GPA: 3.84/A-

2005-2009 Bachelor of Science (BSc), Computer Science and Information Systems

Universidad de San Carlos de Guatemala (Guatemala City, Guatemala)

Academic credits finished in record time (9 of 10 Semesters)

Certifications

2021 CKA: Certified Kubernetes Administrator

The Linux Foundation

2018 Oracle Certified Professional, Java SE 8 Programmer

Oracle Corporation

2018 Principles of Reactive Architecture

IBM - Lightbend

2017 Oracle Certified Associate, Java SE 8 Programmer

Oracle Corporation

2008 Oracle Database Administration

TATA Consultancy Services and India-Guatemala IT Education Centre of Excellence

Universidad de San Carlos de Guatemala

Awards

2022 Oracle ACE Pro

Oracle Corporation

The Oracle ACE Program recognizes and rewards individuals for their contributions to the Oracle community. These technical experts and community leaders share their knowledge and experiences through making presentations; writing blog posts, articles, and books; and more.

2018 Java Champion

Oracle Corporation

The Java Champions are an exclusive group of passionate Java technology and community leaders who are community-nominated and selected under a project sponsored by Oracle. Java Champions get the opportunity to provide feedback, ideas, and direction that will help Oracle

grow the Java Platform

2016 **Duke's Choice Award**

Oracle Corporation

Educational outreach award for "The Duke's Adventures" Project

2011 Grad School Scholarship

OAS-GCUB Scholarship Program

First Generation - Selected between 5000 applicants

Msc. Dissertation

Title Risk assessment in information security: Quantification of trust as a parameter for human biases

reduction

Advisor Prof. Dr. Raul Ceretta Nunes

Description This dissertation explored the possibility of using computational techniques (specifically Social

Network Analysis) to quantify trust in risk treatment context. Trust notion is used to improve

risk assessment accuracy and the effectiveness of security investments.

Experience

2014-currently CTO

Nabenik

Joint venture focused on research and development of IT solutions and digital maturity. Responsible for leading DevOps and Software Development efforts, including R&D, developers

training and external consultancy activities.

2020-currently **Lecturer**

Universidad de San Carlos de Guatemala, Centro Universitario de Occidente

Computer Science Department. Acting as lecturer in IT organizational and management system

courses.

2016-currently Lecturer

Universidad Rafael Landivar de Guatemala

Computer Science Department. Covering Artificial Intelligence, Simulation and Compilers

areas.

2018-2019 Vicepresident of the information sciences comission

Senacyt

Vicepresident on the national information science commission on the nacional science an

technology system.

2016 Instructor

Edx.org - Galileo University

Instructor and content creator for the "Java Fundamentals for Android" course, first english

Micromaster produced in Latin America for edx.org

2014-2015 Associated Professor

Universidad Rafael Landivar de Guatemala

Part-time professor in introduction to computers programing course.

2012-2014 CAPES Msc. researcher

Universidade Federal de Santa Maria

Research activities in the Msc. in Computer Science program, member of the research group

"Administration and Technologies in Information Security (Gestão e Tecnologia em Segurança

da Informação)".

2010-2012 Java EE Software Architect

Soluciones Estrategicas S.A.

Software analysis and design, SOA development, mobile platforms development (Android,

Blackberry and iOS), IT infrastructure design, FLOSS consultancy, high throughput algorithms,

Java EE specialist.

2009-2010 Freelance Developer

Open Training

Java Web Development (Servlets, JSP, JSTL, persistence), Struts, Richfaces, PostgreSQL

Administration, Oracle Administration.

2005-2010 IT Consultant

Asociación de Proyectos de Desarrollo

IT infrastructure administration, software implementation, assistance and support, Linux server

administration.

2008-2009 Teaching assistant

Universidad de San Carlos de Guatemala

Software Analysis and Design and Operating Systems teaching assistant

IT Strengths

Languages Java, JavaScript, Kotlin, Scala, Python, C, C++, HTML, CSS, TeX

Platforms Jakarta EE, Java SE, Angular, Java FX, Android, iOS, Spring, QT

Databases Oracle, MySQL, PostreSQL, MongoDB

CS areas Software Engineering, Information Security, Social Network Analysis

Languages

Spanish Native

English Professional working proficiency

Portuguese Full professional proficiency

CELPE-Bras Certificate 201301002452

Publications

• A new approach to improve accuracy in information security risk management.

LÓPEZ, V. L. O.; NUNES, R. C.

Eighth International Conference on Digital Society (ICDS 2014), 2014, Barcelona, Spain. IARIA, 2014. v. 1. p. 1-6.

• Opinions classification in information security risk assessments with social networks analysis.

LÓPEZ, V. L. O.; NUNES, R. C.

Brazilian Workshop on Social Network Analysis and Mining (BraSNAM), 2013, Maceió, Alagoas. XXXIII Congresso da Sociedade Brasileira de Computação (CSBC 2013).

• Building Situation Awareness to Monitor Critical Infrastructures.

PETRI, Giani; NUNES, R. C.; SANTOS, O. M.; CEOLIN JUNIOR, T.; LÓPEZ, V. L. O. Latin-American Symposium on Dependable Computing, 2013, Rio de Janeiro-RJ.

• KBAM: Data Model of a Knowledge Base for Monitoring Attacks.

PETRI, Giani; NUNES, R. C.; SANTOS, O. M.; CEOLIN JUNIOR, T.; LÓPEZ, V. L. O. Latin-American Symposium on Dependable Computing, 2013, Rio de Janeiro-RJ.

• Definição do Comitê de Análise/Avaliação de Riscos Baseado em Competências.

Primão, A. P.; NUNES, R. C.; LÓPEZ, V. L. O.

XII SEPROSUL Semana de Engenharia de Produção Sulamericana, 2012, Assunção-Paraguai: UNA, 2012. v. 01. p. 01-11.

Distributed compilation with Distcc and Icecream clusters using Gentoo, a benchmarking study case.
 LÓPEZ, V. L. O.: LOBOS, J. F.

Workshop Software Livre 2012, 2012, Porto Alegre, Rs. Anais do WSL 2012. Porto Alegre, Associação Software Livre.Org., 2012.

Highlighted Talks ¹

- MicroProfile: A World Beyond REST APIs Java One 2022 San Francisco, CA, United States Oct 2022
- Creating CLI tools with GraalVM Native and Kotlin JVM Barranquilla Barranquilla, Colombia Nov 2021
- Microservices Patterns with MicroProfile The Developers Conference/Oracle Porto Alegre, Brasil Dec 2020
- Securing Java EE applications for the OWASP Top 10 Ekoparty University Talks BS, Argentina Nov 2020
- From the TV to the Cloud, the Java ecosystem in 25 years Oracle LATAM Oct 2020
- Kotlin for Java Developers Colegio de Ingenieros de Guatemala Guatemala Sep 2020
- From Java 11 on premise to Java 14 to the Oracle Cloud Oracle Groundbreakers Tour LATAM Aug 2020
- Evaluating Java security with OWASP Top 10 ◆ JUG Merida Meetup Merida, México ◆ May 2020
- Java a language dying 25 years ago IFF Meetup RS, Brasil May 2020
- From Java 8 on premise to Java 14 on the Cloud Mitoweek Conference, Peru May 2020
- From Java 8 to Java 14 SOUJava Meetup São Paulo, Brasil Mar 2020
- Take advantage of MicroProfile benefits in your monolithic applications
 The Developer Conference
 Porto Alegre, RS, Brasil
 Nov 2019
- Take advantage of MicroProfile benefits in your monolithic applications
 Oracle Code One San Francisco, United States
 Sept 2019
- Kotlin+MicroProfile: Teaching 20 year old tricks to a new language
 Oracle Groundbreakers Tour Panama
 City, Panama
 Aug 2019
- Kotlin+MicroProfile: Teaching 20 year old tricks to a new language
 The Developer Conference
 São Paulo,
 Brazil
 Jul 2019
- MicroProfile for the busy developer Es-Conference CDMX CDMX, México Mar 2019
- MicroProfile for the busy developer The Developer Conference Porto Alegre, RS, Brasil Dic 2018
- Introduction to Java EE 8 with Payara 5 Comunidad Hipana JUGs jEspañol Jul 2018
- Functional Microservices with Java 8 and Java EE JavaUp Instituto Politecnico Nacional, CDMX, México Abr 2018
- Functional Microservices with Java 8 and Java EE DevNexus Atlanta, GA, United States Feb 2018
- Microservices With Java 8 and Java EE 7 III CONING 2017 Trujillo, Peru Oct 2017
- Microservices Data Patterns: CQRS and Event Sourcing Java One 2017 San Francisco, CA, United States Oct 2017
- Microservices With Java 8 and Java EE 7 Java Cloud Day 2017 Mexico City, Mexico Aug 2017
- Reaching the Java Lambda Heaven DevNexus Atlanta, GA, United States Feb 2017

- Increasing the Maturity of Our Java User Groups Java One San Francisco, CA, United States Sep 2016
- A new approach to improve accuracy in information security risk management Eighth International Conference on Digital Society - Barcelona, Spain • Mar 2014
- Security on WiFi Networks CIETEC Professional Education School Santa Maria, RS, Brazil Dec 2013
- Opinions classification in information security risk assessments with social networks analysis XXXIII
 Congresso da Sociedade Brasileira de Computação (CSBC 2013) Maceio, AL, Brazil Apr 2013
- High performance and flexibility with Gentoo Linux Fórum Software Livre Tchelinux.org Santa Maria, RS, Brazil • Dec 2012
- Distributed compilation with Distcc and Icecream clusters using Gentoo, a benchmarking study case Forum Internacional de Software Livre (FISL) Porto Alegre, RS Brazil Apr 2012

∎ Talks²

- The Open Source State in 2022 PMI Guatemala Meetups Guatemala Mar 2022
- Considerations for migrations between on premise and Cloud Native
 PMI Guatemala Meetups
 Guatemala
 Mar 2022
- Microservice Chassis vs. Service Mesh Kubernetes Community Days Guatemala Guatemala Nov 2021
- Serverless with FN Project Colegio de Ingenieros de Guatemala Guatemala Nov 2021
- From Java 8 to Java 17 Colegio de Ingenieros de Guatemala Guatemala Oct 2021
- Microservices Patterns with MicroProfile and Oracle Cloud Colegio de Ingenieros de Guatemala -Guatemala • Nov 2020
- The current state of languages in the JVM Congreso de Estudiantes de Ingenieria (CEI) Guatemala Oct 2020
- Java Projects Management with Maven Colegio de Ingenieros de Guatemala Guatemala Oct 2020
- Kotlin for Java Developers Colegio de Ingenieros de Guatemala Guatemala Sep 2020
- Evaluating Java security with OWASP Top 10 JUG Merida Meetup, Mexico Aug 2020
- From Java 8 to Java 14 SOUJava Meetup, Brazil Mar 2020
- Introduction to Microservices with Eclipse MicroProfile and Java EE Oracle Developer Tour LA GOUG, Guatemala Ago 2018
- 101 on securing Java EE 7 and 8 Applications OWASP Latam Tour May 2018 OWASP Latam Tour 2018 OWASP July 2018
- Bootstraping Java EE 7 Applications with Eclipse Neon and JBoss Forge Java Day Guatemala Guatejug July 2016
- Privacy vs Open Data Technologies for crime prevention forum Ministerio de Gobernación Guatemala Mar 2016
- Functional development with Java 8 Java Day Guatemala Guatejug Oct 2015
- HTML5 applications with Java EE and AngularJS V Engineering Congress USAC-Cunori Chiquimula, Guatemala • Oct 2015
- Getting started with Git ◆ VIII Engineering Symposium Universidad Rafael Landivar Quetzaltenango, Guatemala ◆ Oct 2015
- Java 8: Functional than ever Technology Transference Department ECYS/USAC Sept 2015
- State and challenges of Information Security VII Engineering Symposium Universidad Rafael Landivar -Quetzaltenango, Guatemala • Oct 2014
- Myths and realities of Java Security Java Day Guatemala Guatejug Oct 2014
- Getting started with Free Software Latin American Festival of Free Software San Marcos, Guatemala Abr 2014
- New features in Java 7 Java Day Guatemala Guatejug Oct 2011
- Java security and frameworks OWASP Day Guatemala Ago 2011
- Java as development platform Guatemalan Congress of Free Software Nov 2010
- Java applications development with QT Jambi Guatemalan Congress of Free Software Oct 2010
- A brief introduction to the Java language Third Engineering Congress Universidad Mesoamericana de Guatemala Quetzaltenango, Guatemala Ago 2009
- Linux security fundamentals II Engineering Symposium Universidad Rafael Landivar Quetzaltenango, Guatemala • Ago 2009
- SOA, Web Services and other stuff Second Barcamp Universidad de San Carlos de Guatemala Jul 2009
- Free Software in Guatemala
 Free Software Saturdays Linux Users Group Universidad de San Carlos de Guatemala
 Jul 2009
- Using Hibernate as ORM in JDeveloper Guatemalan Congress of Computer Science and Information Systems • Abr 2009
- Developing OOP applications with Netbeans Science and Technology convention Universidad Mariano Galvez San Marcos Sept 2008
- Creating Java applications with Netbeans RCP Guatemalan Congress of Free Software Ago 2008
- Getting started in Linux with Ubuntu Linux Users Group San Marcos, Guatemala Mar 2008

2013-2015	Gentoo Linux Spanish translation team Gentoo Foundation
2012-2015	JUG board member Guatemalan Java Users Group
2011-2012	JUG Leader Guatemalan Java Users Group
2009-2010	Coordinator/Country leader Latin American Festival of Free Software

Other interests

Backpacking, running, natural languages, science and free software advocacy.

References

• Inga. Msc. Andrea Rodas

General Department of Research Universidad de San Carlos de Guatemala andyscreations2012 <at> gmail <dot> com

• Inga. Maria Castillo

Academic coordinator
CS Program • Universidad Rafael Landivar
carmen.castillo <at> gmail <dot> com

• Ing. Javier Gramajo

CEO • SQMOS

jgramajo <at> gmail <dot> com

• Ing. Jose Lobos

Bsc. thesis advisor Universidad de San Carlos de Guatemala joseflobos <at> gmail <dot> com

• Ing. Ricardo Morales

Tenured professor

CS Program • Universidad de San Carlos de Guatemala ricardo.moralesp <at> gmail <dot> com

• Ing. Antonio Sobalvarro

CEO

Soluciones Estrategicas as <at> mobilges <dot> com

• Prof. Dr. Raul Ceretta Nunes

Msc. dissertation advisor Universidade Federal de Santa Maria ceretta <at> inf <dot> ufsm <dot> br

• Prof. Dr. Ana Trindade Winck

Tenured professor

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LinkedIn • CV's source at: GitHub Spanish • Portuguese

- 1. Most of these are available at Slideshare ←
- 2. Most of these are available at Slideshare ←