CURRICULUM VITAE

ABOUT

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WEBSITE

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LANGUAGES

Spanish	**English**	**French**
1st	2nd	3rd
Native	Fluent	Functional
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EDUCATION

(2020 - 2022)	Master of Engineering Information Systems Security
	University of Concordia, Canada
(2016 - 2019)	Computer Systems Engineering Degree
	Universidad de Especialidades Espíritu Santo, Ecuador
(2014 - 2016)	Computer Systems Engineering, Cicle I - IV
	Universidad Católica de Santiago de Guayaquil, Ecuador
(2003 - 2014)	Bachelor of Science in Physics and Chemistry
	Unidad Educativa Bilingüe Torremar, Ecuador

WORK EXPERIENCE

(2021-2022) Altagram, CA

• Video Game Tester & Localization Consultant

(2020- 2021) Banco Guayaquil, EC

• Senior Cybersecurity Officer

(2018-2020) Ernst & Young, EC

Enterprise Intelligence and Cybersecurity

• Big Data and Cybersecurity Consultant

Forensic & Integrity Services

• Computer Forensics Engineer

(2017-2018) Apptelink , EC

• Full-Stack Web & Mobile Developer

INDUSTRIES

Gaming	eCommerce	Financial	N.G.O	Supply Chain	Mobile

PROGRAMMING

HTML	**100%**	C++	**95%**	JQuery	**80%**	SQL	**85%**
CSS	**100%**	C#	**95%**	JavaScript	**80%**	REgex	**75%**

COMPLEMENTARY LEARNING

- SysCloudEC Security - 28 Hours Ethical Hacking Training Certificate
- Qualys - Vulnerability Management Certification
- Qualys - Web Application Scanning Certification
- Qualys - Policy Compliance Certification
- Certificate of Attendance: The Future of Cyberthreats in Latin America
- ISO 27001 Cybersecurity Manager Guidelines Certifications
- Hacking Web Applications and Penetration Testing Certificate
- Certificate of Completion 28.5 hours Xamarin Development: iOS and Android
- 40-hour Drone Photogrammetry and 3D and RTK Modeling Certificate
- Alteryx Designer Core certified by Alteryx Academy
- Introduction to Project Management
- Certificate of participation in the Conference Workshop Information Security
- CCNA 4 Routing and Switching: Networking
- CCNA 3 Routing and Switching: Network scaling
- CCNA 2 Routing & Switching: Basic principles of routing and switching
- CCNA 1 Switching & Routing: Introduction to networks
- Certificate of attendance and participation in UEES Team Building
- Certified Community Manager, 40-hour course
- Level of French with Diploma B1 of the Alliance Française Equateur

PROGRAMS

Office 365	**Qualys. Certified** Security & Compliance	radware Peripheral Security	TREND MICRO Security Modules
Power BI Data Intelligence	Azure Cloud Services	Visual Studio Development	aws Amazon Web Services
Certified Xamarin Mobile iOS & Android Developer	alteryx **Certified** Alteryx Designer Core	SQL Server	ORACLE Oracle Database
Udemy Instructor Udemy Courses	Ps + Ai Adobe Photoshop + Illustrator	Ae + Pr Adobe After Effects + Premiere Pro	Advanced WordPress

WEBSITE PROJECTS

LOBU CONSTRUCTORES
https://lobuconstruye.com

Stephany León
https://stephanyleon.com

Plastisur S.A.
https://www.plastisur.com.ec/

WALLTECH
https://walltechinternational.com

PANABALSA PANAMERICANA DE BALSA S.A.
https://panabalsa.com

https://mommycloudec.com

DOCTOR MARKET
https://doctormarketonline.com

Amazonas Agencia de Viajes & Operadora de Turismo
https://www.viajesamazonas.online

CYBERSECURITY PROJECTS

- **Vulnerability Management**
  - Scheduled scanning of critical assets
  - Prioritization of findings and remediations
  - Malware Analysis
- **Peripherical and Internal Network Monitoring**
  - Daily event and alert management
  - Network rules adjustments
  - Firewall permission checkup
- **Security Compliance**
  - Periodic Ethical Hacking exercises (Software & Hardware)
  - Payment Card Industry Compliance Certification (PCI)
- **Guidelines and documentation**
  - In-house Cybersecurity Manual (ISO27001)
  - Attack assessment and response plans
  - Technical guides for tools and processes
- **Personnel training for Social Engineering**
  - Social Eng. awareness seminars
  - Phishing simulation exercises
- **Data Analytics and KPI**
  - Design of smart graphs with security indicators
  - Periodic security reports by domain

CONSULTING PROJECTS

TIA - Industrial Stores Associated

Advanced Reporting with Legacy Data models

This project consisted in automating different business areas: systems, databases, integrations and reports. Throughout understanding we identified the most critical reports that provide greater value to the general accounting area, looking for the net value of accounts between customers and suppliers within the databases. The information sources stored information that was more than 10 years old and its volume complicated access, reading and reporting. An information workflow was used by implementing Alteryx Designer tool to take the most critical data from the different tables and build a report that consolidates all the invoices with pending payments in an automated way and with filters defined by the client. The workflow consisted of historical data collection, unification of information sources, data formatting and transformation, resulting in the automation of manual processes. We automated the work so that instead of taking 2 days, it takes only 20 minutes.

Charity of Guayaquil

Complete Database Upgrade Migration

The project consisted of migrating data from various Legacy systems to a centralized SAP/S4 Hanna system, applying data quality and cleansing processes to save the information that adds value to the new database and take full advantage of the power of the SAP Analytical layer. Remediation, text replacement, special character cleaning, formatting validation and integrity testing processes were used to produce clean results, ready to be loaded into the new system by centralizing all operations.

WEB APPLICATION PROJECTS

NicoTrack

Fleet Management and Shipping Tracking

We developed a system to monitor the geolocation of carriers in real time, each in different trucks for the delivery of products nationwide. First, we used the Google Maps API to plot their route traveled and the current location of each one. Second, with Stored Procedures and Functions we calculate the distance between the points on the map, the delivery time, the number of incidents per product and the compliance of the customer who receives it. The system has graphic information reporting and automatic reports downloadable in Excel and PDF. With our product, the client was able to centralize the monitoring of all deliveries.

LabControl

Chemical Laboratory Management System

We implemented this product for the monitoring and control of a chemical laboratory. We achieved high dynamism thanks to the use of Javascript, libraries like Jquery and visualization with partial views. We were able to enter and then display a large amount of data, following the process and the different quality chains of the laboratory. The multiple samples and parameters quoted go through a sampling process, their results can be entered and modified through the web environment or from the mobile app through the connection to an API with RESTful and OAuth 2.0 standard.

MOBILE APP PROJECTS

Speedy

Market Delivery

Cross-platform iOS and Android Mobile Application written in C# using Xamarin.Forms. Food and supermarket delivery application.
Features:

-Order History
-Delivery Schedule
-Store divided into categories and subcategories
-Product Detail
-Cart logic, remove products form cart, total and tax calculation
-Order information form
-Google Maps integration for drop-off address
-Payment methods
-WhatsApp integrations
-Web system connection for data management

Denvid 19

COVID-19 and Dengue Awareness and Surveillance

Cross-platform iOS and Android Mobile Application written in C# using Xamarin.Forms. Medical Oriented Application. Covid-19 and Dengue Fever early detection and presumptive diagnostic.
Features:

-Information about diseases and prevention methods
-User oriented design
-Symptom multi selection
-Patient Information form
-Nearby contact form
-Presumptive Disease diagnostic
-Location services
-Web system connection for data management with heat zone map