



Ernesto Alejandro Yero Oses

Private sector – Software Developer

Personal data:

Day of birth: 18/07/1991

Passport: ---

Address: 230 street #27A17 8, La Lisa, Havana, Cuba.

Nationality: Cuban

☎ (+53) 5 – 325 – 9895

✉ ernestoyero@nauta.cu

Social Network profiles:

[LinkedIn](#) -- [Facebook](#) -- [ResearchGate](#)

Profile

Computer Science Engineer. Web solution and desktop developer.
Specialized in Pattern Recognition and Machine Learning.

Academics titles

Bachelor of Sciences, 2006-2009.

Computer Sciences Engineer, 2010-2015. Summa cum laude. GPA:
5.085 / 5

Languages

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

<i>Language</i>	<i>Speak</i>	<i>Read</i>	<i>Write</i>
Spanish	P	P	P
English	N	G	N

Software project Experiences

Developer - University of Informatics Sciences, Havana, Cuba. 2014 – 2015

Synta of the Center for Medical Informatics at the UCI

Project aimed at controlling drugs and their adverse drug reactions in Cuba. It has a module specialized in predicting the occurrence of adverse reactions and the similarity calculation between medicines

HTML / PHP / JAVA / Symfony Framework / Doctrine / ExtJS / MySQL / Pattern Recognition

Developer - University of Informatics Sciences, Havana, Cuba. 2015 – 2016

SIDEC: System for the management of clinical trials

Computer system for the control and analysis of clinical trials. It contributes to the classification of the data of the clinical study in dependence of the protocol followed, the center where it is realized and the users authorized to use it. Its use streamlines the process of designing trials and obtaining data segmented by patients, time and other clinical parameters.

Java / JSF / Seam Framework / Hibernate / PostgreSQL / Rich Faces

Project Team Leader / Architect / Analyst / Developer - Havana, Cuba. 2016 – 2017

Qva+: Directory of Cuban Places

Catalog of businesses and places of Cuba, informative site on places of Cuba.

HTML / PHP / JAVA / Symfony Framework / Doctrine / JQuery / Bootstrap / MySQL

Project Team Leader / Architect / Analyst / Developer - University of Informatics Sciences, Havana, Cuba. 2015 – (--)

CEPAR: Cuban environment for Logical Combinatorial Pattern Recognition

Platform for the experimentation and development of algorithms with techniques of Logical Combinatorial Recognition of Patterns. For the UCI RLCP group

JAVA / Pattern Recognition / Feature Selection / Unsupervised Classifications

Technology Experiences

Technology	Experience (Years)	Level (1 - 5)	Technology	Experience (Years)	Level (1 - 5)
Languages or Frameworks			Languages or Frameworks		
HTML	5	4	Symfony	4	4
CSS	5	4	Hibernate	2	3
JavaScript	4	4	Doctrine	4	4
Java	5	4	WordPress	2	4
C# (Windows Form)	3	3	ExtJS	2	3
C++	1	2	Rich Face	2	3
Python	2	4	PostgreSQL	3	4
PHP	5	5	MySQL	4	4
IDES' s			IDES' s		
Visual Studio	4	4	PhpStorm	4	4
NetBeans	5	4	PyCharm	2	4
Eclipse	2	3			

Postgraduate

- Statistical Methods in Scientific Research
- Science, Technology and Society
- Bases for the management of imaging information with the CESIM PACS-RIS solution
- Electronics Basic
- Management of health processes in the Hospital Information System ALAS HIS
- Communicative skills development in English for professionals
- Logical Combinatorial Pattern Recognition
- Applications of Logical Recognition Pattern Combinations

Taught subjects

Logical Combinatorial Pattern Recognition
Ethical Hacking and Computer Forensics
Programming III (Data Structure)

Research Lines

Machine Learning
Natural Language Processing
Logical Combinatorial Pattern Recognition
Text Mining

Published paper

MÉTRICAS PARA LA VALIDACIÓN DE LOS CONCEPTOS EN EL RECONOCIMIENTO LÓGICO COMBINATORIO DE PATRONES / MEASURES FOR CONCEPTS VALIDATION IN LOGICAL COMBINATORIAL PATTERN RECOGNITION, Conference Paper, Mar 2016, III Conferencia Internacional en Ciencias Computacionales e Informáticas, Yunia Reyes González, Lester Rodríguez Vallejo, Natalia Martínez, Ernesto Alejandro Yero Oses

FUNCIONALIDAD PARA IDENTIFICAR LA SEMEJANZA ENTRE MEDICAMENTOS EN EL MÓDULO REACCIONES ADVERSAS A MEDICAMENTOS DEL SISTEMA PARA EL CONTROL FARMACOLÓGICO, Conference Paper, Mar 2016XI Congreso Internacional de Informática en Salud 2016, Tania Garcia Gonzalez, Ernesto Alejandro Yero Oses, Annia Arencibia Morales, Yoiler Frómeta Moreno

CEPAR: UN SISTEMA HERRAMIENTA DE APOYO AL DOCENTE DEL RECONOCIMIENTO LÓGICO COMBINATORIO DE PATRONES, Conference Paper, Mar 2016, 11na Peña Tecnológica, Ernesto Alejandro Yero Oses, Yunia Reyes González, Natalia Martínez

Thesis direction

- i. E. Pérez-Hernández and P. García-Figarola, "Extensión de la herramienta CEPAR con algoritmos de escala exterior para el cálculo de Testores Típicos," Universidad de las Ciencias Informáticas, 2016.
- ii. Elismailen Anicia González Miranda y Jorge Adrián González Fernández, "Herramienta computacional para los Sistemas Integrados de Gestión Bibliotecaria utilizando algoritmos conceptuales del Reconocimiento Lógico Combinatorio de Patrones.," Universidad de las Ciencias Informáticas, 2016.
- iii. Leonel González-Ung, "Algoritmos de escala interior para el cálculo de los testores típicos como extensión de la herramienta CEPAR.," Universidad de las Ciencias Informáticas, 2016.