

## Escuela Superior Politécnica del Litoral

### RESUME

#### PERSONAL INFORMATION

LAST NAME:	SORNOZA QUIJIJE
NAME:	LISSENIA ISABEL
EMAIL:	<a href="mailto:lissenia.sornoza@gmail.com">lissenia.sornoza@gmail.com</a> ; <a href="mailto:lsornoza@espol.edu.ec">lsornoza@espol.edu.ec</a>
WEB LINK:	<a href="https://www.linkedin.com/in/lissenia-isabel-sornoza-quiijje-72a359104/">https://www.linkedin.com/in/lissenia-isabel-sornoza-quiijje-72a359104/</a>

#### SUMMARY

Information Technology specialist with experience in teaching, research, and software development. She is a Systems Analyst and holds a degree in Information Systems from ESPOL, and a Master's degree in Web Technologies from the University La Salle in Mexico. She currently teaches at ESPOL and Ecotec Technological University, and has previously worked as a senior programmer in technology companies.

Her research focuses on the development of interactive educational applications for children, addressing usability, gamification, and accessibility. She has participated in projects such as MIDI-AM, MIDI-MUSICAL, and MIDI StoryPop, focusing on educational games, augmented reality, and teaching platforms. She has spoken at international conferences such as TICEC and has trained in learning methodologies and scientific writing. Her career combines education, technology, and the development of innovative tools for children's learning.

#### EDUCATION

DEGREE	LEVEL	INSTITUTION	FIELD OF STUDY	COUNTRY
Systems Analyst	Third level	Escuela Superior Politécnica del Litoral	Escuela Superior Politécnica del Litoral	Ecuador
Bachelor in Information Systems	Third level	Escuela Superior Politécnica del Litoral	Information Technologies	Ecuador
Master in Web Technologies	Fourth level	Universidad de la Salle, Campus Salamanca (Guanajuato, Mexico)	Information Technologies	Mexico



**ACADEMIC EXPERIENCE**

INSTITUTION	EXPERIENCE	START DATE	END DATE	EMPLOYMENT TYPE
Escuela Superior Politécnica del Litoral	Occasional Professor	19/02/2024	<b>present</b>	Full-time
	Occasional Professor	01/03/2024	26/04/2024	Part-time
Escuela Superior Politécnica del Litoral	Occasional Professor	02/10/2023	15/02/2024	Part-time
Universidad Tecnológica Ecotec	Occasional Professor	03/07/2023	16/02/2024	Full-time
Universidad Tecnológica Ecotec	Occasional Professor	29/08/2022	30/06/2023	Part-time
Instituto Superior Tecnológico Vicente Rocafuerte	Occasional Professor	01/07/2020	31/01/2023	Full-time
Escuela Superior Politécnica del Litoral	Occasional Professor	02/05/2015	24/02/2020	Full-time

**RELATED PROFESSIONAL EXPERIENCE**

LOCATION	POSITION	AREA	START DATE	END DATE
Dires S.A. (Ecuador)	Senior Programmer	Systems	28/10/2013	30/04/2015
Evolución IT (Mexico)	Software Developer	Systems	02/05/2010	30/11/2010
Dires S.A. (Ecuador)	Senior Programmer	Systems	01/08/2008	15/10/2009

**ACADEMIC EVENTS / PROFESSIONAL DEVELOPMENT**

EVENT	TYPE	INVOLVEMENT	START DATE	END DATE	TIME SPAN	CERTIFIED BY
XI International REDU Research Congress 2024	Congress	Attendance	19/11/2024	22/11/2024	40 hours	Universidad de las Artes
11th TICEC Congress 2023	Congress	Speaker	18/10/2023	20/10/2023	24 hours	TICEC 2023
Scientific Research Training - Module 1 "Scientific Method"	Training	Approved	16/06/2022	23/06/2022	40 hours	Tecnológico Argos



Scientific Research Training - Module 2 "Writing and Publishing Scientific Articles"	Training	Approved	24/06/2022	04/07/2022	40 hours	Tecnológico Argos
Active Learning Methodologies	Training	Approved	15/11/2021	19/11/2021	10 hours	FADCOM-ESPOL
Online Higher Education Teaching: Methodological Strategies, Content Production, and Communication Technology	Training	Approved	13/04/2020	01/05/2020	120 hours	Universidad Estatal de Milagro
3rd Good Practices in Engagement Workshops	Workshops	Speaker	29/10/2020	29/10/2020	6 hours	Universidad Estatal de Portoviejo
Workshop "Developing Teamwork Skills"	Training	Approval	12/12/2019	13/12/2019	6 hours	I3LAB-ESPOL
II International Congress on Intelligent Systems and New Technologies Interdisciplinary Trends in Communication	Congress	Speaker	08/05/2019	10/05/2019	24 hours	PUCE - Ibarra



**PROJECT EXPERIENCE**

PROJECT TITLE	INSTITUTION	START DATE	END DATE	COUNTRY
Research and development of interactive didactic multimedia applications for early childhood education supporting teaching of Social Environment, Language and Computing (MIDI I, II, III)	ESPOL	15/09/2002	15/09/2003	Ecuador
Usability of playful MIDI adapted games in mobile applications for millennial children (MIDI-am) - exploratory study focused on pre-primary and first grade children	ESPOL	02/05/2018	31/05/2019	Ecuador
MIDI-AM 2.0: Evaluation and Production of educational games linked to control platforms for usability analysis and preference of content and graphic lines impacting the creation and use of MIDI-AM series as support for regular or inclusive education.	ESPOL	31/05/2019	31/01/2022	Ecuador
MIDI-MUSICAL: Usability evaluation and production of platforms and mobile applications using gamification for teaching	ESPOL	27/05/2022	27/05/2025	Ecuador



musical initiation in children aged 2 to 3 and 4 to 7 years.				
MIDI StoryPop. Evaluation and production of interactive stories with augmented reality as support for regular and inclusive education	ESPOL	25/03/2024	27/03/2026	Ecuador
MIDI-Toys: Evaluation and development of didactic playful products as support for regular and inclusive education	ESPOL	25/03/2024	25/03/2026	Ecuador

