

Escuela Superior Politécnica del Litoral

RESUME

PERSONAL INFORMATION

LAST NAME:	Arce Sierra
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RESUME SUMMARY

Computer Science Engineer from the Escuela Superior Politécnica del Litoral. I have worked in different areas of computing, from web development, database administration, to serious video game development, always prioritizing effectiveness, efficiency and teamwork. Also highlight the research in FADCOM and MIDI-AM projects, including computing within the research oriented to graphic design and audiovisual production of the faculty.

EDUCATION

DEGREE	LEVEL	INSTITUTION	FIELD OF STUDY	COUNTRY
Computer Science Engineer	Third Level	ESPOL	Engineering	Ecuador

ACADEMIC EXPERIENCE

INSTITUTION	EXPERIENCE	START DATE	END DATE	EMPLOYMENT TYPE
Escuela Superior Politécnica del Litoral	Teaching Assistant of Database System	01/05/2020	31/08/2020	Part-time
Escuela Superior Politécnica del Litoral	Research Assistant	01/10/2020	12/02/2021	Part-time
Escuela Superior Politécnica del Litoral	Research Technician I	15/05/2023	Current	Full time



RELATED PROFESSIONAL EXPERIENCE

LOCATION	POSITION	AREA	START DATE	END DATE
Centro de Investigaciones Rurales	Data Processing Technician	Data Analysis	22/05/2023	15/06/2023
Centro de Investigaciones Rurales	Technician for the Elaboration of Digital Record	Data Analysis	08/12/2023	Current
Centro Internacional para la Investigación del Fenómeno de El Niño - CIIFEN	Junior Programmer	Software Development	01/10/2020	31/08/2021
Agencia Española de Cooperación Internacional para el Desarrollo (AECID)	Junior Programmer	Software Development	01/10/2021	Current

ACADEMIC EVENTS / PROFESSIONAL DEVELOPMENT

EVENT	TYPE	INVOLVEMENT	START DATE	END DATE	TIME SPAN	CERTIFIED BY
Preparación para tutorías de Itinerario de Investigación	Course	Assistance	26/05/2023	16/06/2023	10 horas	FADCOM
Master Class: Desarrollo de Videojuegos con Unreal Engine 5	Master Class	Assistance	13/06/2024	13/06/2024	2 horas	FADCOM
TICEC 2023	Conference	Speaker	18/10/2023	20/10/2023	3 días	CEDIA

PROJECT EXPERIENCE

PROJECT TITLE	INSTITUTION	START DATE	END DATE	COUNTRY
MIDI	ESPOL	2020	Actualidad	Ecuador
Proyecto Euroclima+ Sequías e Inundaciones-Andes	CIIFEN	Octubre 2021	Actualidad	Ecuador
Proyecto Volunclima	CIIFEN	Octubre 2020	Agosto 2021	Ecuador
Proyecto CREA	CIR	22/05/2023	15/06/2023	Ecuador
PROYECTO de SUBVENCION A PEQUEÑOS AGRICULTORES	CIR	08/12/2023	Actualidad	Ecuador



HONORS AND AWARDS

PROJECT TITLE	INSTITUTION	DATE	COUNTRY
Mérito a la investigación – Orientación a la Investigación Científica	ESPOL	15/11/2022	Ecuador
Mérito a la investigación – Publicación de artículo indexado	ESPOL	01/12/2023	Ecuador

PUBLICATIONS / PRESENTATIONS / EXHIBITIONS AND CREATIVE WORKS

TITLE	TYPE	YEAR	TYPE OF INVOLVEMENT
Metrics for a Human-Robot-Game platform to evaluate attention and emotion in children with ASD	Scientific article	2022	Author
Advanced Metrics to Evaluate Autistic Children's Attention and Emotions from Facial Characteristics Using a Human-Robot-Game Interface	Scientific article	2023	Author

