

EUROPEAN FORMAT FOR THE
CURRICULUM VITAE



WORK

- Dates (from – to)
- Name and address of employer
- Type of use

- Main tasks and responsibilities

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PERSONAL INFORMATION

Surname MOREJÓN LOYOLA
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Date of birth 02/06/1989
Nationality Cuban

13/03/2024 – TODAY

**CMCC FONDAZIONE CENTRO EURO-MEDITERRANEO CAMBIAMENTI CLIMATICI
GOCO DIVISION, LECCE, ITALY**

SOFTWARE ENGINEER

SOFTWARE DEVELOPER SUPPORTING THE OPERATIONAL GROUP ACTIVITIES, DEVELOPING PROCEDURES AND SOFTWARE FOR MANAGING METEOROLOGICAL AND OCEANOGRAPHIC MODELS FOR QUALITY CONTROL AND VERIFICATION. MONITORING SERVICES AND APPLICATIONS SUCH AS FORECASTING SYSTEMS FOR THE MEDITERRANEAN SEA, TO PRODUCE ANALYSES, REANALYZES AND SHORT-TERM FORECASTS FOR DIFFERENT REGIONS. DOCUMENTING PROCEDURES SUPPORTING THE TEAM.

01/07/2017–10/02/2023

ATMOSPHERIC PHYSICS CENTER, INSTITUTE OF METEOROLOGY, HAVANA, CUBA

COMPUTING SCIENCES SPECIALIST

SOFTWARE DEVELOPER SUPPORTING THE SCIENTIFIC GROUP ACTIVITIES, GNU/LINUX SYSTEMS AND HPC INFRASTRUCTURES MANAGER. DEVELOPING PROCEDURES AND SOFTWARE FOR DATA WRANGLING (PREPROCESSING AND POSTPROCESSING) AND DATA VISUALIZATION FOR ATMOSPHERIC NUMERICAL WEATHER MODELING OUTPUTS. MONITORING APPLICATIONS SUCH AS SISPI (SHORT TERM PREDICTION SYSTEM), FOR PREDICTING THE QUANTITATIVE FORECAST OF PRECIPITATION, WIND, TEMPERATURE, SOLAR RADIATION AND OTHER METEOROLOGICAL VARIABLES IN THE CARIBBEAN (CUBA, HAITI, DOMINICAN REPUBLIC) AND CENTRAL AMERICA (PANAMA).

COLLECTING, PERSISTING AND RETRIEVING DATA SECURELY, EFFICIENTLY FROM DIFFERENT SOURCES, DATABASES, WEBSITES (WEB SCRAPING) OR REST APIS.

- Dates (from – to) 01/02/2015– 08/03/2017
- Name and address of employer **UCI UNIVERSITY OF INFORMATICS SCIENCES, CESOL FREE SOFTWARE CENTER, HAVANA, CUBA**
- Type of use IT CONSULTANT IN GNU/LINUX AND OPEN-SOURCE SOFTWARE.
- Main tasks and responsibilities
PROJECT LEADER FOR PLANNING AND PROGRESS MONITORING.
IT SUPPORT AND CUSTOMIZATION SERVICES PROVIDER IN GNU/LINUX OPERATING SYSTEMS FOR NATIONAL/INTERNATIONAL STAKEHOLDERS.
TRAINER IN GNU/LINUX OPERATING SYSTEMS ENVIRONMENT.
DEVELOPED WEB PLATFORM TO MANAGE CLIENT DATA, ENHANCING MIGRATION PROCESSES FROM PROPRIETARY SOFTWARE TO OPEN-SOURCE APPLICATIONS.

EDUCATION

- Dates (from – to) 4 July 2023 – 8 August 2023
- Name and type of education or training institution Hackathon BELLA II (Building the Europe Link to Latin America and the Caribbean), innovation development Copernicus
- Qualification achieved **Win Award at the BELLA Hackathon: Copernicus Innovation Development Certification**
- Dates (from – to) 8 January - 9 June 2023
- Name and type of education or training institution IBM Data Science professional specialized certificate by IBM on Coursera
- Qualification achieved **IBM Data Science Certification**
- Dates (from – to) 4 February 2018 – 16 February 2018
- Name and type of education or training institution ICTP , I Latin American Introductory School to Parallel Programming and Parallel Architecture for High Performance Computing, CINVESTAV and ININ, Mexico
- Qualification achieved **Parallel Programming and Parallel Architecture for HPC Certification**
- Dates (from – to) 10 September 2015 – 10 December 2015
- Name and type of education or training institution Postgraduate course in advanced GNU/Linux, postgraduate international center, CESOL

- Qualification achieved

Advanced GNU\Linux Certification

- Dates (from – to)

1 September 2009 – 15 June 2014

- Name and type of education or training institution

University of Informatics Sciences, Havana, Cuba

- Main subjects/professional skills studied

Programming languages, Software Engineering, Applied Mathematics, Statistics, AI, Systems, Networks, Cybersecurity

- Qualification achieved

B.Sc. in Computer Engineering, Computer Science

- Thesis Title

"Strategy for learning assessment based on objectives and competencies in the new version of the ZERA e-learning platform "

- Final grade

5/5

- Tutor

M.Sc. Yailet Martínez Pérez

MOTHER TONGUE

SPANISH

OTHER LANGUAGE

ENGLISH

- Reading skills

GOOD

- Writing skills

GOOD

- Oral expression skills

GOOD

- INTERPERSONAL SKILLS AND COMPETENCIES

EFFECTIVE COMMUNICATION AND INTERPERSONAL SKILLS, CULTIVATED THROUGH DIVERSE PROJECTS AND PROFESSIONAL SETTINGS. EXPERIENCED IN FOSTERING COLLABORATION AND BUILDING TRUST WITHIN TEAMS AND WITH CLIENTS, EMPHASIZING THE IMPORTANCE OF TEAMWORK IN ACHIEVING SUCCESS.

- ORGANIZATIONAL SKILLS AND COMPETENCIES

EXPERIENCED IN BOTH TEAMWORK AND INDEPENDENT WORK, WITH STRONG PLANNING AND TIME MANAGEMENT SKILLS DEVELOPED THROUGH COORDINATION ROLES. ADOPTS A STRUCTURED APPROACH TO TASKS AND RESPONSIBILITIES.

- TECHNICAL SKILLS AND EXPERTISE

PROGRAMMING LANGUAGES: PYTHON, BASH SCRIPT, C/C++, FORTRAN.
 DATA SCIENCE: DATA WRANGLING, DATA ANALYSIS, DATA VISUALIZATION MODEL, MODEL EVALUATION.
 NETCDF DATA MANIPULATION.
 DATA SCIENCE TOOLS: JUPYTER NOTEBOOK, QGIS.
 HPC ARCHITECTURES: IBM SPECTRUM LSF
 WORKFLOW ENGINE MANAGEMENT: LUIGI, CYLC
 DEVELOPMENT TOOLS: VISUAL STUDIO CODE, VIM, TEXT EDITORS.
 OPERATING SYSTEMS: UNIX SYSTEMS.
 WEB LANGUAGES/TECHNOLOGIES: HTML, CSS, JAVASCRIPT, PHP.
 DATABASE MANAGEMENT SYSTEM: MYSQL, POSGRESSQL, MARIADB, SQLITE.
 FRAMEWORKS: DJANGO, DASH, JQUERY.
 VIRTUALIZATION TOOLS: DOCKER, VIRTUALBOX, VMWARE.
 VERSION CONTROL SYSTEMS: GIT, GITHUB, GITLAB.
 PROJECT MANAGEMENT SOFTWARE: MONDAY.

IT SERVICE MANAGEMENT.

• HOBBIES READING, MUSIC, SPORTS, TRAVELING.

• LAST UPDATED DATE 23/01/2025