

ENRIQUE RAMOS

Computer Systems Engineer
Software Developer

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📍 Mexico City, MX



EXPERIENCE

Business Operation Sr

NCR Atleos - NCR Corporation

- 📅 May 2021 – Ongoing 📍 Remote - Mexico City, MX
- Backend development of **APIs, scripts and automated tasks** for **bank and retail customers** from LATAM, Asia and Middle East, according to their business rules and requirements.
- Troubleshooting and monitoring on the behaviour of ATMs and retail self-checkouts services.
- Data results display using **websites, reports, graphs**, etc.
- Functional analysis and modeling of new corporate and consumers projects using **SCRUM**.
- DevOps: deployment of customer's solutions in the cloud using **Azure**; also Docker.
- Active collaboration with DBA, frontend, bussiness and DevOps teams and colleagues.

Deep Learning Intern

BubbleTown

- 📅 Jan 2020 – Jan 2021 📍 Mexico City, MX
- Development of an **intelligent system** to offer **adaptative advertising** to customers with **deep learning**.
- Training and design of **convolutional neural network models**.
- Use of **computer vision, image processing and augmented reality**.
- Work with **NVIDIA minicomputer architectures**, using **TensorRT**.

Web Developer Junior

IPN

- 📅 Mar 2020 – Aug 2020 📍 Mexico City, MX
- Maintenance of the **institutional web systems**.
- Reengineering and redesign of the **UI** from the institute's web systems.

RELEVANT PROJECTS



(2020) BubbleTown's adaptative advertising

Intelligent system that offers personalized advertising to customers through recommendations of drinks based on parameters detected from their faces; displayed with augmented reality. **Developed with Python, TensorFlow, OpenCV and NVIDIA technologies.**



(2022) Uptimebot

Bot that calculates the daily online and offline operation minutes of ATMs devices through tickets generated by the enterprise's management system, using their inventory, business rules and categories per customer from diverse regions of the world. **Developed with Python.**



(2025) Ticketing Tool

Project Management tool where leaders can create incident and requirement tickets related to the corporation tools, in order to request new features, fix bugs, organize project developments, etc. Also they can send notices through email. **Developed with Python and Vue.**

CERTIFICATIONS



EF SET English Certificate 73/100 (C2 Proficient)

by EF Standard English Test (EF SET) on October 2023

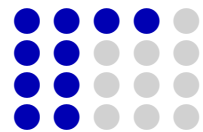
SKILLS

Python (yrs)

Docker/Kubernetes (yrs)

Azure (yrs)

JavaScript (yrs)



Flask

FastAPI

Azure

Jupyter Notebook

TensorFlow

Keras

TensorRT

Scikit-learn

Pandas

OpenCV

Numpy

Vue.js

Node.js

Git

SQLAlchemy

PYODBC

SQL

Teamwork

Problem-Solving

Adaptability

Technical Communication

Learning Agility

Time Management

Innovation

Jira

SCRUM

LANGUAGES

Spanish - Native

English - B2

EDUCATION

B.S. in Computers Systems Engineering

ESCOM - IPN

📅 2016 – 2021

📍 Mexico City, MX

CGPA: 95.20 (3.76)

Technical Degree in Computation

CECyT No. 8 Narciso Bassols - IPN

📅 2013 – 2016

📍 Mexico City, MX

PUBLICATIONS



Journal Articles

- Moreno-Armendáriz, M. A., Calvo, H., Duchanoy, C. A., Lara-Cázares, A., Ramos, E., & Morales-Flores, V. L. (2022). Deep-learning-based adaptive advertising with augmented reality. *Sensors*, 22(1). doi:10.3390/s22010063